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U. S. DEPARTMENT OF THE INTERIOR  
PROTOTYPE OIL SHALE LEASING PROGRAM

TRACT C-b  
QUARTERLY REPORT #3  
(Through May 31, 1975)

BLM Library  
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Denver Federal Center  
P. O. Box 25047  
Denver, CO 80225-0047

Submitted to:

Mr. Peter A. Rutledge  
Area Oil Shale Supervisor  
Conservation District  
U. S. Geological Survey  
Grand Junction, Colorado

By:

Ashland Oil, Inc.  
Atlantic Richfield Company  
Shell Oil Company, Operator  
The Oil Shale Corporation

JULY 15, 1975



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Number

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3  
4

SG-1 MPT 8



# SPERRY-SUN



POST OFFICE BOX 36363 HOUSTON, TEXAS 77036 (713) 494-3021

J. A. Fouché  
President

February 25, 1975

Mr. Frederick R. Scheerer  
Atlantic-Richfield Company  
1500 Security Life Building  
Denver, Colorado 80202

Dear Mr. Scheerer:

Enclosed is the original of our final results of the Precision Pressure Gauge, Job Number SPG-11228-7, performed on your Federal Sorghum Gulch, Well No. SG-1, Tract C-b, Sorghum Gulch Field, Piceance Creek Area, Rio Blanco County, Colorado, on January 31, through February 2, 1975. This was a Multi-Packer test, with three zones being tested.

# 42	Anulus Gauge-Top	Surface	to 1123 Feet	MPT #8
#145	Annulus Gauge-Middle	1123	to 1188 Feet	MPT #8
#140	Inside Drill Pipe Gauge- Bottom	1188	to 2522 Feet	MPT #8

Also enclosed are the charts for Gauge Numbers 42, 145, and 140, with Field Data Sheets.

Distribution is being made according to the attached mailing list.

Thank you for this opportunity to be of service.

Very Truly Yours,

SPERRY-SUN

James A. Welch  
District Manager

JAW/jw

Enclosures

II B-694

1927-28 students

should be informed  
of the following:  
1. The date of the  
annual meeting of the  
University Council, which  
is usually held in the  
middle of November.

2. The date of the  
annual meeting of the  
Senate, which is usually  
held in December.

3. The date of the  
annual meeting of the  
Board of Governors.

4. The date of the  
annual meeting of the  
Committee on Academic  
Affairs.

5. The date of the  
annual meeting of the  
Committee on Student  
Affairs.

6. The date of the  
annual meeting of the  
Committee on Finance.

7. The date of the  
annual meeting of the  
Committee on Research.

8. The date of the  
annual meeting of the  
Committee on Extension.

9. The date of the  
annual meeting of the  
Committee on Publications.

10. The date of the  
annual meeting of the  
Committee on Library.

11. The date of the  
annual meeting of the  
Committee on Student  
Activities.

12. The date of the  
annual meeting of the  
Committee on Student  
Health.

13. The date of the  
annual meeting of the  
Committee on Student  
Sports.

14. The date of the  
annual meeting of the  
Committee on Student  
Housing.

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JOB NUMBER  
SPG-11228-7

MPT # 8

DATE OF JOB  
JANUARY 31-FEBRUARY 2, 1975

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

PREPARED FOR

ATLANTIC RICHFIELD COMPANY

WELL NUMBER SG-1

FIELD/LEASE SORGHUM GULCH

COUNTY/PARISH RIO BLANCO

STATE COLORADO

TYPE OF TEST MPT #8

REFERENCE ELEV GROUND LEVEL

ADDITIONAL INFORMATION

GAUGE NO. 42 WITH 500 PST ELEMENT

GAUGE DEPTH 1117 FEET TOP GAUGE

ZONE FOR GAUGE NO. 42 ZERO = 1123 FEET

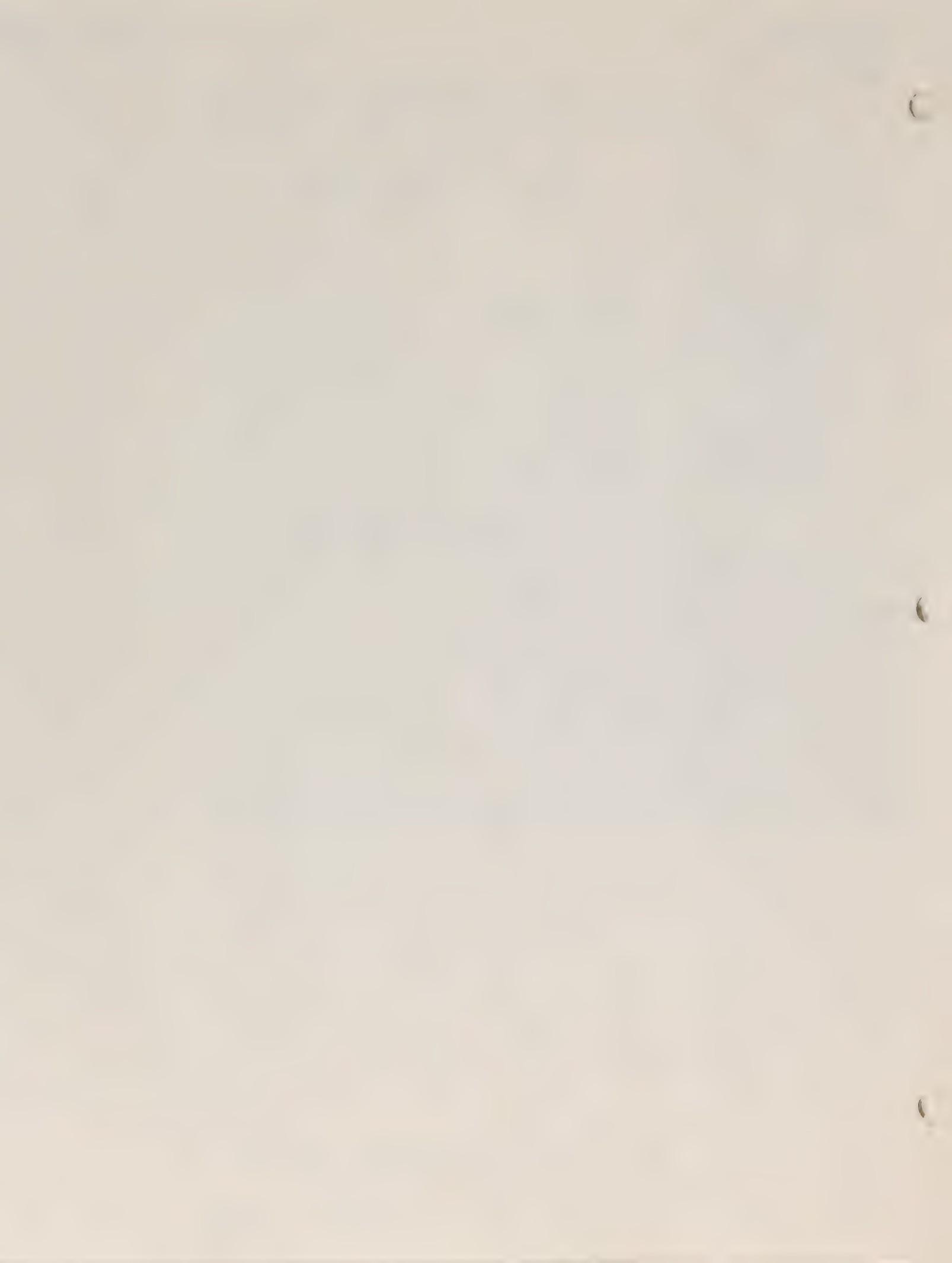
INITIAL HYDROSTATIC 446.969 PST

LAST NULL ON CHART 455.006 PSI

GROUND ELEVATION 6428 FEET

PACKER DEPTHS THIS TEST 1123 FT AND 1186 FT. TD = 2522 FT

1281 POINTS REPORTED THIS JOB



JOB NUMBER  
SPG-11228-7

DATE OF JOB  
ANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER  
42 MPT-B

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
0.000	452.766	05 35	JAN 31, 1975	SET PACKERS
0.033	452.754	05 37	JAN 31, 1975	
0.067	453.066	05 39	JAN 31, 1975	
0.100	453.089	05 41	JAN 31, 1975	
0.133	453.066	05 43	JAN 31, 1975	
0.167	453.054	05 45	JAN 31, 1975	
0.200	453.054	05 47	JAN 31, 1975	
0.233	453.054	05 49	JAN 31, 1975	
0.267	453.054	05 51	JAN 31, 1975	
0.300	453.054	05 53	JAN 31, 1975	
0.333	453.043	05 55	JAN 31, 1975	
0.367	453.066	05 57	JAN 31, 1975	
0.400	453.054	05 59	JAN 31, 1975	
0.433	453.043	06 01	JAN 31, 1975	
0.467	453.054	06 03	JAN 31, 1975	
0.500	453.112	06 05	JAN 31, 1975	
0.533	453.158	06 07	JAN 31, 1975	
0.567	453.147	06 09	JAN 31, 1975	
0.600	453.170	06 11	JAN 31, 1975	
0.633	453.158	06 13	JAN 31, 1975	
0.667	453.170	06 15	JAN 31, 1975	
0.700	453.193	06 17	JAN 31, 1975	
0.733	453.205	06 19	JAN 31, 1975	
0.767	453.228	06 21	JAN 31, 1975	
0.800	453.226	06 23	JAN 31, 1975	
0.833	453.239	06 25	JAN 31, 1975	
0.867	453.239	06 27	JAN 31, 1975	
0.900	453.228	06 29	JAN 31, 1975	
0.933	453.262	06 31	JAN 31, 1975	
0.967	453.262	06 33	JAN 31, 1975	
1.000	453.262	06 35	JAN 31, 1975	
1.033	453.262	06 37	JAN 31, 1975	
1.067	453.262	06 39	JAN 31, 1975	
1.100	453.251	06 41	JAN 31, 1975	
1.133	453.262	06 43	JAN 31, 1975	
1.167	453.251	06 45	JAN 31, 1975	
1.200	453.262	06 47	JAN 31, 1975	
1.233	453.262	06 49	JAN 31, 1975	
1.267	453.251	06 51	JAN 31, 1975	
1.300	453.251	06 53	JAN 31, 1975	

START JETTING



JOB NUMBER  
SPG-11228-7

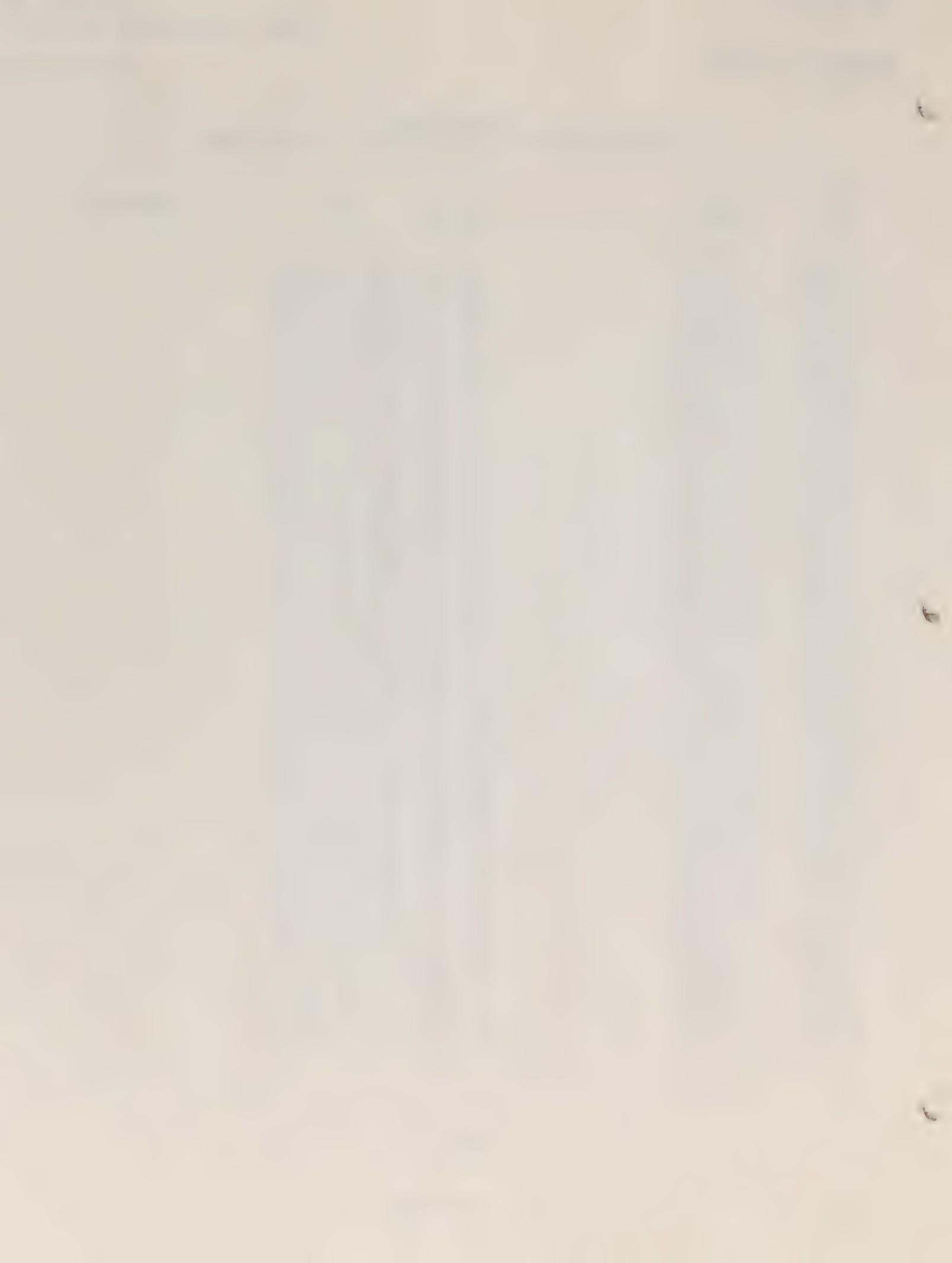
DATE OF JOB  
ANUARY 31-FERRUARY 2, 1975

GAUGE/RUN NUMBER  
42 MPT-8

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PST)	TIME HR MIN	DATE	COMMENTS
1.333	453.251	06 55	JAN 31, 1975	
1.367	453.251	06 57	JAN 31, 1975	
1.400	453.251	06 59	JAN 31, 1975	
1.433	453.228	07 01	JAN 31, 1975	
1.467	453.251	07 03	JAN 31, 1975	
1.500	453.251	07 05	JAN 31, 1975	
1.533	453.239	07 07	JAN 31, 1975	
1.567	453.251	07 09	JAN 31, 1975	
1.600	453.239	07 11	JAN 31, 1975	
1.633	453.228	07 13	JAN 31, 1975	
1.667	453.239	07 15	JAN 31, 1975	
1.700	453.228	07 17	JAN 31, 1975	
1.733	453.228	07 19	JAN 31, 1975	
1.767	453.239	07 21	JAN 31, 1975	
1.800	453.219	07 23	JAN 31, 1975	
1.833	453.228	07 25	JAN 31, 1975	
1.867	453.228	07 27	JAN 31, 1975	
1.900	453.228	07 29	JAN 31, 1975	
1.933	453.228	07 31	JAN 31, 1975	
1.967	453.216	07 33	JAN 31, 1975	
2.000	453.216	07 35	JAN 31, 1975	
2.033	453.216	07 37	JAN 31, 1975	
2.067	453.216	07 39	JAN 31, 1975	
2.100	453.205	07 41	JAN 31, 1975	
2.133	453.228	07 43	JAN 31, 1975	
2.167	453.216	07 45	JAN 31, 1975	
2.200	453.216	07 47	JAN 31, 1975	
2.233	453.205	07 49	JAN 31, 1975	
2.267	453.205	07 51	JAN 31, 1975	
2.300	453.205	07 53	JAN 31, 1975	
2.333	453.205	07 55	JAN 31, 1975	
2.367	453.205	07 57	JAN 31, 1975	
2.400	453.216	07 59	JAN 31, 1975	
2.433	453.216	08 01	JAN 31, 1975	
2.467	453.216	08 03	JAN 31, 1975	
2.500	453.205	08 05	JAN 31, 1975	
2.533	453.216	08 07	JAN 31, 1975	
2.567	453.205	08 09	JAN 31, 1975	
2.600	453.205	08 11	JAN 31, 1975	
2.633	453.205	08 13	JAN 31, 1975	



JOB NUMBER  
SPG-11228-7

DATE OF JOB  
ANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER  
42 MPT-8

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PST)	TIME HR MIN	DATE	COMMENTS
2.667	453.205	08 15	JAN 31, 1975	
2.700	453.205	08 17	JAN 31, 1975	
2.733	453.216	08 19	JAN 31, 1975	
2.767	453.216	08 21	JAN 31, 1975	
2.800	453.205	08 23	JAN 31, 1975	
2.833	453.205	08 25	JAN 31, 1975	
2.867	453.205	09 27	JAN 31, 1975	
2.900	453.205	08 29	JAN 31, 1975	
2.933	453.205	08 31	JAN 31, 1975	
2.967	453.205	08 33	JAN 31, 1975	
3.000	453.205	08 35	JAN 31, 1975	
3.033	453.205	08 37	JAN 31, 1975	
3.067	453.205	08 39	JAN 31, 1975	
3.100	453.205	09 41	JAN 31, 1975	
3.133	453.205	08 43	JAN 31, 1975	
3.167	453.205	08 45	JAN 31, 1975	
3.200	453.205	08 47	JAN 31, 1975	
3.233	453.205	08 49	JAN 31, 1975	
3.267	453.205	08 51	JAN 31, 1975	
3.300	453.205	08 53	JAN 31, 1975	
3.333	453.205	08 55	JAN 31, 1975	
3.367	453.205	08 57	JAN 31, 1975	
3.400	453.205	08 59	JAN 31, 1975	
3.433	453.205	09 01	JAN 31, 1975	
3.467	453.205	09 03	JAN 31, 1975	
3.500	453.205	09 05	JAN 31, 1975	
3.533	453.205	09 07	JAN 31, 1975	
3.567	453.205	09 09	JAN 31, 1975	
3.600	453.205	09 11	JAN 31, 1975	
3.633	453.205	09 13	JAN 31, 1975	
3.667	453.205	09 15	JAN 31, 1975	
3.700	453.205	09 17	JAN 31, 1975	
3.733	453.205	09 19	JAN 31, 1975	
3.767	453.205	09 21	JAN 31, 1975	
3.800	453.216	09 23	JAN 31, 1975	
3.833	453.216	09 25	JAN 31, 1975	
3.867	453.216	09 27	JAN 31, 1975	
3.900	453.216	09 29	JAN 31, 1975	
3.933	453.216	09 31	JAN 31, 1975	
3.967	453.216	09 33	JAN 31, 1975	



JOB NUMBER  
SPG-11228-7

DATE OF JOB  
JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER  
42 MPT-8

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
4.000	453.216	09 35	JAN 31, 1975	
4.033	453.216	09 37	JAN 31, 1975	
4.067	453.216	09 39	JAN 31, 1975	
4.100	453.216	09 41	JAN 31, 1975	
4.133	453.216	09 43	JAN 31, 1975	
4.167	453.216	09 45	JAN 31, 1975	
4.200	453.216	09 47	JAN 31, 1975	
4.233	453.216	09 49	JAN 31, 1975	
4.267	453.216	09 51	JAN 31, 1975	
4.300	453.216	09 53	JAN 31, 1975	
4.333	453.216	09 55	JAN 31, 1975	
4.367	453.216	09 57	JAN 31, 1975	
4.400	453.216	09 59	JAN 31, 1975	
4.433	453.216	10 01	JAN 31, 1975	
4.467	453.228	10 03	JAN 31, 1975	
4.500	453.239	10 05	JAN 31, 1975	
4.533	453.239	10 07	JAN 31, 1975	
4.567	453.229	10 09	JAN 31, 1975	
4.600	453.239	10 11	JAN 31, 1975	
4.633	453.228	10 13	JAN 31, 1975	
4.667	453.228	10 15	JAN 31, 1975	
4.700	453.228	10 17	JAN 31, 1975	
4.733	453.228	10 19	JAN 31, 1975	
4.767	453.239	10 21	JAN 31, 1975	
4.800	453.228	10 23	JAN 31, 1975	
4.833	453.239	10 25	JAN 31, 1975	
4.867	453.239	10 27	JAN 31, 1975	
4.900	453.239	10 29	JAN 31, 1975	
4.933	453.239	10 31	JAN 31, 1975	
4.967	453.239	10 33	JAN 31, 1975	
5.000	453.251	10 35	JAN 31, 1975	
5.033	453.239	10 37	JAN 31, 1975	
5.067	453.251	10 39	JAN 31, 1975	
5.100	453.251	10 41	JAN 31, 1975	
5.133	453.251	10 43	JAN 31, 1975	
5.167	453.251	10 45	JAN 31, 1975	
5.200	453.251	10 47	JAN 31, 1975	
5.233	453.251	10 49	JAN 31, 1975	
5.267	453.251	10 51	JAN 31, 1975	
5.300	453.251	10 53	JAN 31, 1975	



JOB NUMBER  
SPG-11228-7

DATE OF JOB  
ANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER  
42 MPT-A

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELT A TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
5.333	453.251	10 55	JAN 31, 1975	
5.367	453.251	10 57	JAN 31, 1975	
5.400	453.251	10 59	JAN 31, 1975	
5.433	453.251	11 01	JAN 31, 1975	
5.467	453.239	11 03	JAN 31, 1975	
5.500	453.251	11 05	JAN 31, 1975	
5.533	453.262	11 07	JAN 31, 1975	
5.567	453.262	11 09	JAN 31, 1975	
5.600	453.262	11 11	JAN 31, 1975	
5.633	453.262	11 13	JAN 31, 1975	
5.667	453.262	11 15	JAN 31, 1975	
5.700	453.262	11 17	JAN 31, 1975	
5.733	453.262	11 19	JAN 31, 1975	
5.767	453.262	11 21	JAN 31, 1975	
5.800	453.262	11 23	JAN 31, 1975	
5.833	453.262	11 25	JAN 31, 1975	
5.867	453.262	11 27	JAN 31, 1975	
5.900	453.262	11 29	JAN 31, 1975	
5.933	453.274	11 31	JAN 31, 1975	
5.967	453.274	11 33	JAN 31, 1975	
6.000	453.262	11 35	JAN 31, 1975	
6.033	453.262	11 37	JAN 31, 1975	
6.067	453.274	11 39	JAN 31, 1975	
6.100	453.274	11 41	JAN 31, 1975	
6.133	453.274	11 43	JAN 31, 1975	
6.167	453.274	11 45	JAN 31, 1975	
6.200	453.274	11 47	JAN 31, 1975	
6.233	453.274	11 49	JAN 31, 1975	
6.267	453.274	11 51	JAN 31, 1975	
6.300	453.274	11 53	JAN 31, 1975	
6.333	453.285	11 55	JAN 31, 1975	
6.367	453.251	11 57	JAN 31, 1975	
6.400	453.297	11 59	JAN 31, 1975	
6.433	453.297	12 01	JAN 31, 1975	
6.467	453.297	12 03	JAN 31, 1975	
6.500	453.297	12 05	JAN 31, 1975	
6.533	453.297	12 07	JAN 31, 1975	
6.567	453.297	12 09	JAN 31, 1975	
6.600	453.297	12 11	JAN 31, 1975	
6.633	453.297	12 13	JAN 31, 1975	



JOB NUMBER  
SPG-1122B-7

DATE OF JOB  
ANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER  
42 MPT-B

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
6.667	453.247	12 15	JAN 31, 1975	
6.700	453.297	12 17	JAN 31, 1975	
6.733	453.309	12 19	JAN 31, 1975	
6.767	453.309	12 21	JAN 31, 1975	
6.800	453.309	12 23	JAN 31, 1975	
6.833	453.309	12 25	JAN 31, 1975	
6.867	453.309	12 27	JAN 31, 1975	
6.900	453.309	12 29	JAN 31, 1975	
6.933	453.309	12 31	JAN 31, 1975	
6.967	453.309	12 33	JAN 31, 1975	
7.000	453.309	12 35	JAN 31, 1975	
7.033	453.309	12 37	JAN 31, 1975	
7.067	453.309	12 39	JAN 31, 1975	
7.100	453.309	12 41	JAN 31, 1975	
7.133	453.309	12 43	JAN 31, 1975	
7.167	453.309	12 45	JAN 31, 1975	
7.200	453.320	12 47	JAN 31, 1975	
7.233	453.320	12 49	JAN 31, 1975	
7.267	453.320	12 51	JAN 31, 1975	
7.300	453.320	12 53	JAN 31, 1975	
7.333	453.320	12 55	JAN 31, 1975	
7.367	453.320	12 57	JAN 31, 1975	
7.400	453.320	12 59	JAN 31, 1975	
7.433	453.320	13 01	JAN 31, 1975	
7.467	453.320	13 03	JAN 31, 1975	
7.500	453.320	13 05	JAN 31, 1975	
7.533	453.343	13 07	JAN 31, 1975	
7.567	453.320	13 09	JAN 31, 1975	
7.600	453.332	13 11	JAN 31, 1975	
7.633	453.332	13 13	JAN 31, 1975	
7.667	453.343	13 15	JAN 31, 1975	
7.700	453.332	13 17	JAN 31, 1975	
7.733	453.343	13 19	JAN 31, 1975	
7.767	453.343	13 21	JAN 31, 1975	
7.800	453.343	13 23	JAN 31, 1975	
7.833	453.343	13 25	JAN 31, 1975	
7.867	453.343	13 27	JAN 31, 1975	
7.900	453.343	13 29	JAN 31, 1975	
7.933	453.343	13 31	JAN 31, 1975	
7.967	453.343	13 33	JAN 31, 1975	



JOB NUMBER  
SPG-11228-7

DATE OF JOB  
JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER  
42 MPT-B

DATE OF RUN

SPERRY-SUN  
PRECISION SURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
8.000	453.343	13 35	JAN 31, 1975	
8.033	453.343	13 37	JAN 31, 1975	
8.067	453.343	13 39	JAN 31, 1975	
8.100	453.343	13 41	JAN 31, 1975	
8.133	453.343	13 43	JAN 31, 1975	
8.167	453.343	13 45	JAN 31, 1975	
8.200	453.343	13 47	JAN 31, 1975	
8.233	453.343	13 49	JAN 31, 1975	
8.267	453.343	13 51	JAN 31, 1975	
8.300	453.343	13 53	JAN 31, 1975	
8.333	453.355	13 55	JAN 31, 1975	
8.367	453.355	13 57	JAN 31, 1975	
8.400	453.366	13 59	JAN 31, 1975	
8.433	453.355	14 01	JAN 31, 1975	
8.467	453.366	14 03	JAN 31, 1975	
8.500	453.366	14 05	JAN 31, 1975	
8.533	453.378	14 07	JAN 31, 1975	
8.567	453.378	14 09	JAN 31, 1975	
8.600	453.378	14 11	JAN 31, 1975	
8.633	453.366	14 13	JAN 31, 1975	
8.667	453.378	14 15	JAN 31, 1975	
8.700	453.378	14 17	JAN 31, 1975	
8.733	453.378	14 19	JAN 31, 1975	
8.767	453.378	14 21	JAN 31, 1975	
8.800	453.378	14 23	JAN 31, 1975	
8.833	453.389	14 25	JAN 31, 1975	
8.867	453.389	14 27	JAN 31, 1975	
8.900	453.389	14 29	JAN 31, 1975	
8.933	453.389	14 31	JAN 31, 1975	
8.967	453.389	14 33	JAN 31, 1975	
9.000	453.359	14 35	JAN 31, 1975	
9.033	453.389	14 37	JAN 31, 1975	
9.067	453.389	14 39	JAN 31, 1975	
9.100	453.401	14 41	JAN 31, 1975	
9.133	453.401	14 43	JAN 31, 1975	
9.167	453.401	14 45	JAN 31, 1975	
9.200	453.401	14 47	JAN 31, 1975	
9.233	453.401	14 49	JAN 31, 1975	
9.267	453.412	14 51	JAN 31, 1975	
9.300	453.412	14 53	JAN 31, 1975	



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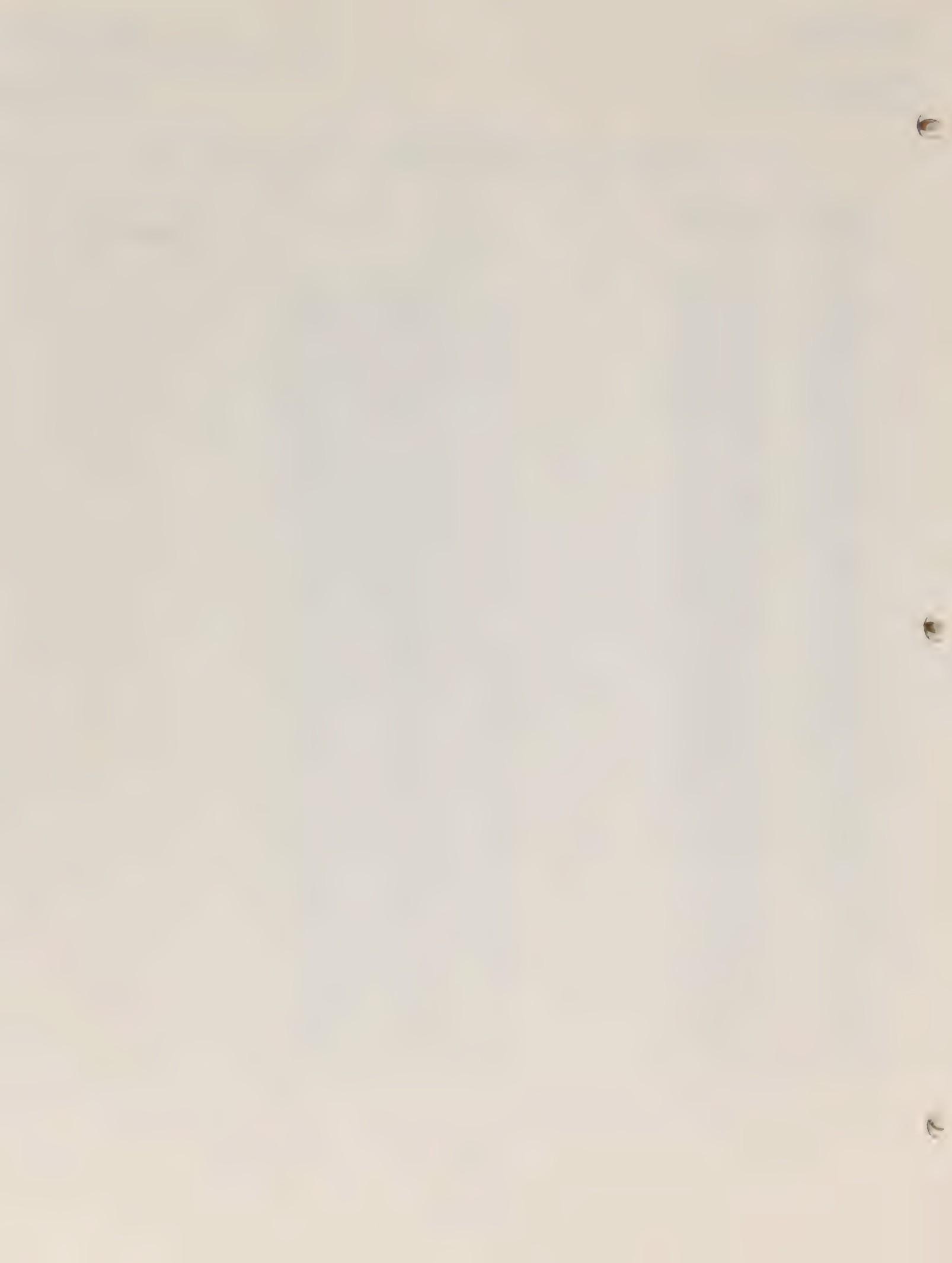
DATE OF JOB  
ANUARY 31-FERRUARY 2, 1975

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PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
9.333	453.412	14 55	JAN 31, 1975	
9.367	453.412	14 57	JAN 31, 1975	
9.400	453.412	14 59	JAN 31, 1975	
9.433	453.412	15 01	JAN 31, 1975	
9.467	453.412	15 03	JAN 31, 1975	
9.500	453.412	15 05	JAN 31, 1975	
9.533	453.412	15 07	JAN 31, 1975	
9.567	453.412	15 09	JAN 31, 1975	
9.600	453.412	15 11	JAN 31, 1975	
9.633	453.424	15 13	JAN 31, 1975	2
9.667	453.424	15 15	JAN 31, 1975	
9.700	453.424	15 17	JAN 31, 1975	
9.733	453.424	15 19	JAN 31, 1975	
9.767	453.436	15 21	JAN 31, 1975	
9.800	453.436	15 23	JAN 31, 1975	
9.833	453.436	15 25	JAN 31, 1975	
9.867	453.436	15 27	JAN 31, 1975	
9.900	453.436	15 29	JAN 31, 1975	
9.933	453.436	15 31	JAN 31, 1975	
9.967	453.424	15 33	JAN 31, 1975	
10.000	453.436	15 35	JAN 31, 1975	
10.033	453.424	15 37	JAN 31, 1975	
10.067	453.436	15 39	JAN 31, 1975	
10.100	453.436	15 41	JAN 31, 1975	
10.133	453.447	15 43	JAN 31, 1975	
10.167	453.447	15 45	JAN 31, 1975	
10.200	453.447	15 47	JAN 31, 1975	
10.233	453.436	15 49	JAN 31, 1975	
10.267	453.447	15 51	JAN 31, 1975	
10.300	453.459	15 53	JAN 31, 1975	
10.333	453.459	15 55	JAN 31, 1975	
10.367	453.447	15 57	JAN 31, 1975	
10.400	453.447	15 59	JAN 31, 1975	
10.433	453.459	16 01	JAN 31, 1975	
10.467	453.459	16 03	JAN 31, 1975	
10.500	453.459	16 05	JAN 31, 1975	
10.533	453.459	16 07	JAN 31, 1975	
10.567	453.459	16 09	JAN 31, 1975	
10.600	453.470	16 11	JAN 31, 1975	
10.633	453.482	16 13	JAN 31, 1975	



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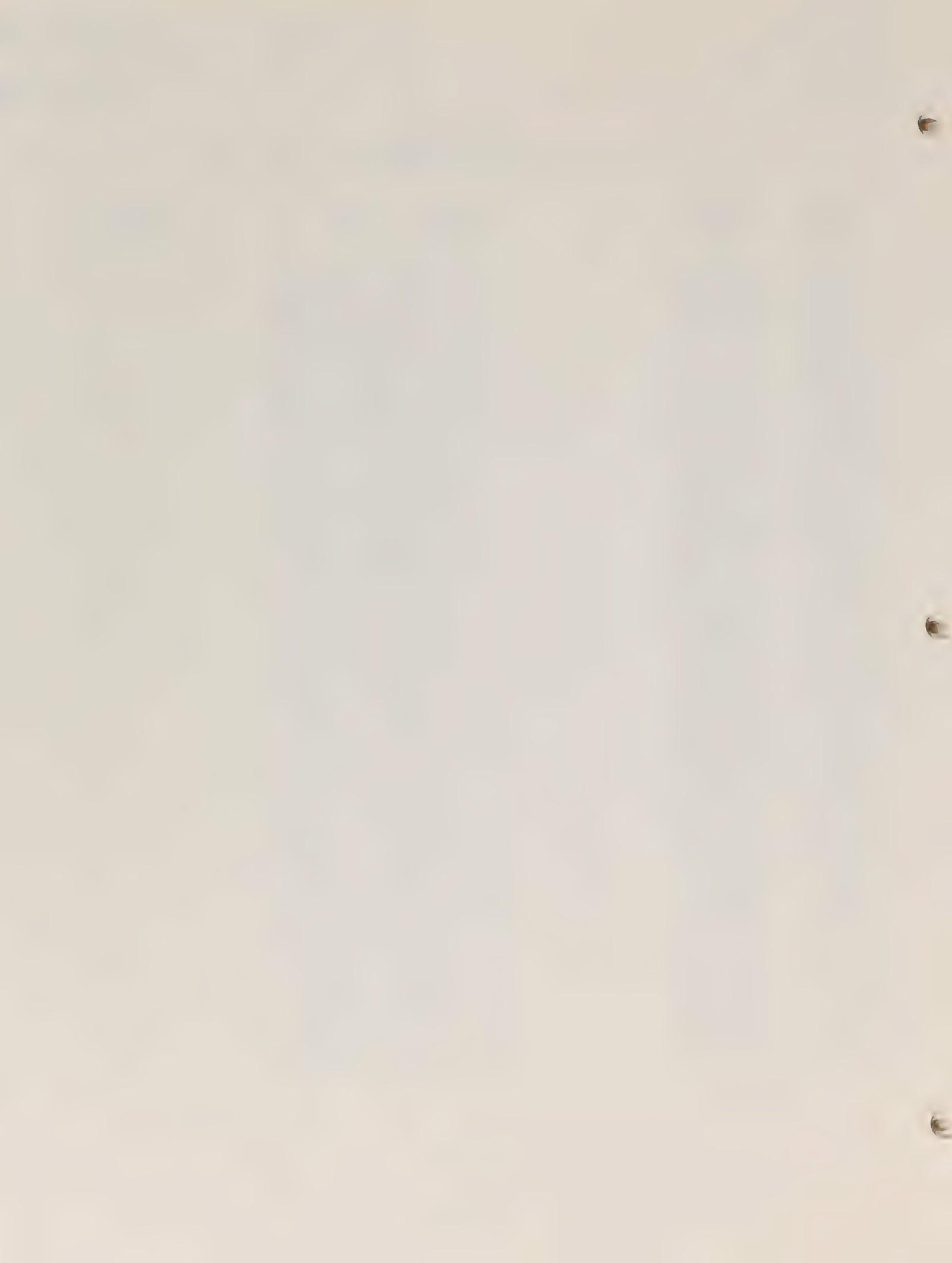
DATE OF JOB  
ANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER  
42 MPT-B

DATE OF RUN

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PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME	DATE	COMMENTS
		HR MIN		
10.667	453.482	16 15	JAN 31, 1975	
10.700	453.482	16 17	JAN 31, 1975	
10.733	453.482	16 19	JAN 31, 1975	
10.767	453.482	16 21	JAN 31, 1975	
10.800	453.482	16 23	JAN 31, 1975	
10.833	453.482	16 25	JAN 31, 1975	
10.867	453.493	16 27	JAN 31, 1975	
10.900	453.505	16 29	JAN 31, 1975	
10.933	453.505	16 31	JAN 31, 1975	
10.967	453.505	16 33	JAN 31, 1975	
11.000	453.470	16 35	JAN 31, 1975	
11.033	453.505	16 37	JAN 31, 1975	
11.067	453.505	16 39	JAN 31, 1975	
11.100	453.516	16 41	JAN 31, 1975	
11.133	453.516	16 43	JAN 31, 1975	
11.167	453.516	16 45	JAN 31, 1975	
11.200	453.516	16 47	JAN 31, 1975	
11.233	453.516	16 49	JAN 31, 1975	
11.267	453.528	16 51	JAN 31, 1975	
11.300	453.516	16 53	JAN 31, 1975	
11.333	453.528	16 55	JAN 31, 1975	
11.367	453.528	16 57	JAN 31, 1975	
11.400	453.528	16 59	JAN 31, 1975	
11.433	453.528	17 01	JAN 31, 1975	
11.467	453.528	17 03	JAN 31, 1975	
11.500	453.539	17 05	JAN 31, 1975	
11.533	453.539	17 07	JAN 31, 1975	
11.567	453.539	17 09	JAN 31, 1975	
11.600	453.528	17 11	JAN 31, 1975	
11.633	453.539	17 13	JAN 31, 1975	
11.667	453.551	17 15	JAN 31, 1975	
11.700	453.551	17 17	JAN 31, 1975	
11.733	453.551	17 19	JAN 31, 1975	
11.767	453.563	17 21	JAN 31, 1975	
11.800	453.563	17 23	JAN 31, 1975	
11.833	453.553	17 25	JAN 31, 1975	
11.867	453.563	17 27	JAN 31, 1975	
11.900	453.563	17 29	JAN 31, 1975	
11.933	453.563	17 31	JAN 31, 1975	
11.967	453.563	17 33	JAN 31, 1975	



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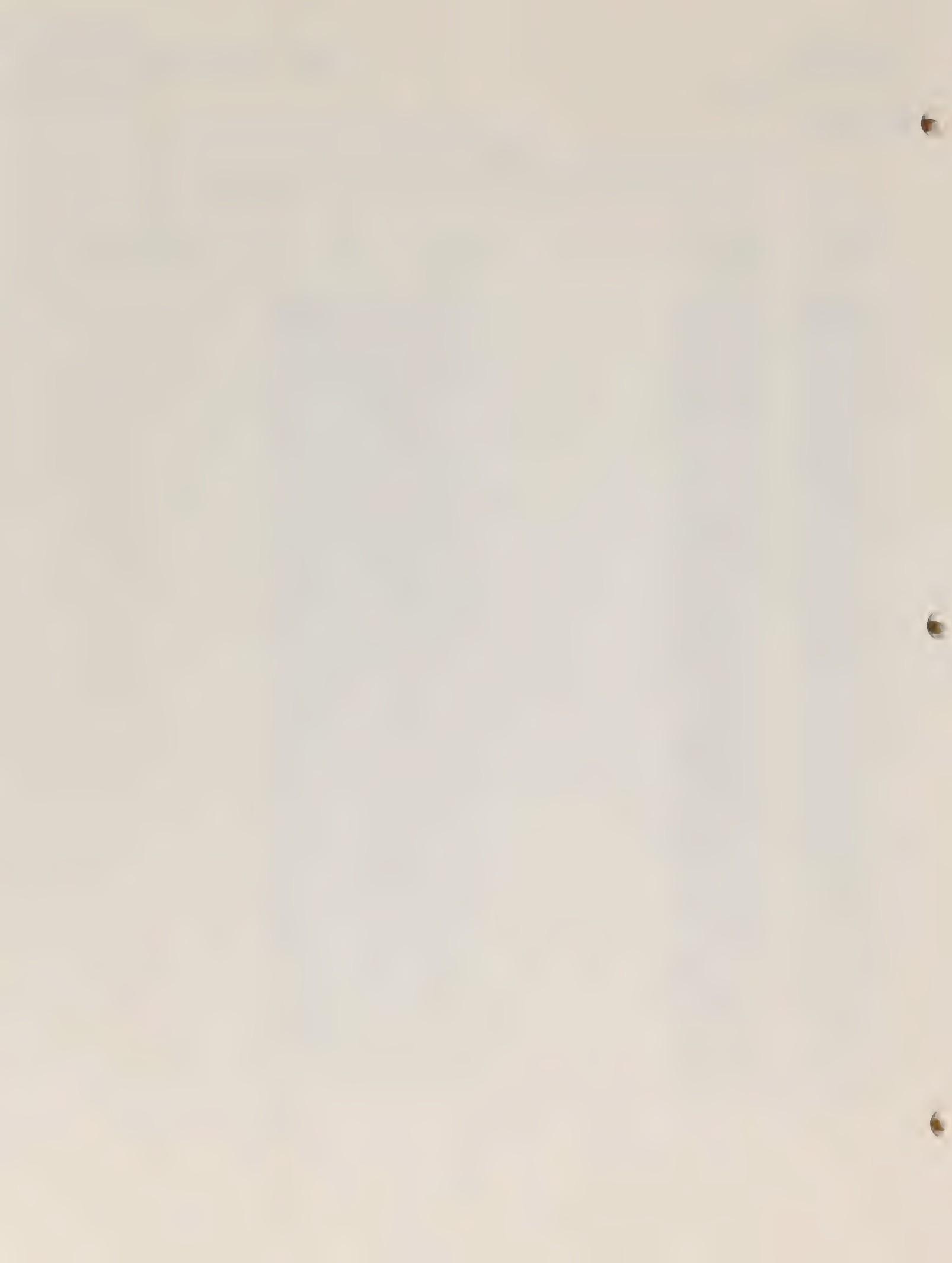
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PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
12.000	453.563	17 35	JAN 31, 1975	
12.033	453.574	17 37	JAN 31, 1975	
12.067	453.574	17 39	JAN 31, 1975	
12.100	453.574	17 41	JAN 31, 1975	
12.133	453.574	17 43	JAN 31, 1975	
12.167	453.586	17 45	JAN 31, 1975	
12.200	453.586	17 47	JAN 31, 1975	
12.233	453.597	17 49	JAN 31, 1975	
12.267	453.597	17 51	JAN 31, 1975	
12.300	453.597	17 53	JAN 31, 1975	
12.333	453.597	17 55	JAN 31, 1975	
12.367	453.597	17 57	JAN 31, 1975	
12.400	453.597	18 05	JAN 31, 1975	
12.433	453.597	18 07	JAN 31, 1975	
12.467	453.597	18 09	JAN 31, 1975	
12.500	453.609	18 11	JAN 31, 1975	
12.533	453.609	18 13	JAN 31, 1975	
12.567	453.609	18 15	JAN 31, 1975	
12.600	453.609	18 17	JAN 31, 1975	
12.633	453.620	18 19	JAN 31, 1975	
12.667	453.632	18 21	JAN 31, 1975	
12.700	453.632	18 23	JAN 31, 1975	
12.733	453.632	18 25	JAN 31, 1975	
12.767	453.632	18 27	JAN 31, 1975	
12.800	453.632	18 29	JAN 31, 1975	
12.833	453.632	18 31	JAN 31, 1975	
12.867	453.632	18 33	JAN 31, 1975	
12.900	453.655	18 35	JAN 31, 1975	
12.933	453.643	18 37	JAN 31, 1975	
12.967	453.643	18 39	JAN 31, 1975	
13.000	453.643	18 41	JAN 31, 1975	
13.033	453.643	18 43	JAN 31, 1975	
13.067	453.655	18 45	JAN 31, 1975	
13.100	453.655	18 47	JAN 31, 1975	
13.133	453.655	18 49	JAN 31, 1975	
13.167	453.678	18 51	JAN 31, 1975	
13.200	453.678	18 53	JAN 31, 1975	



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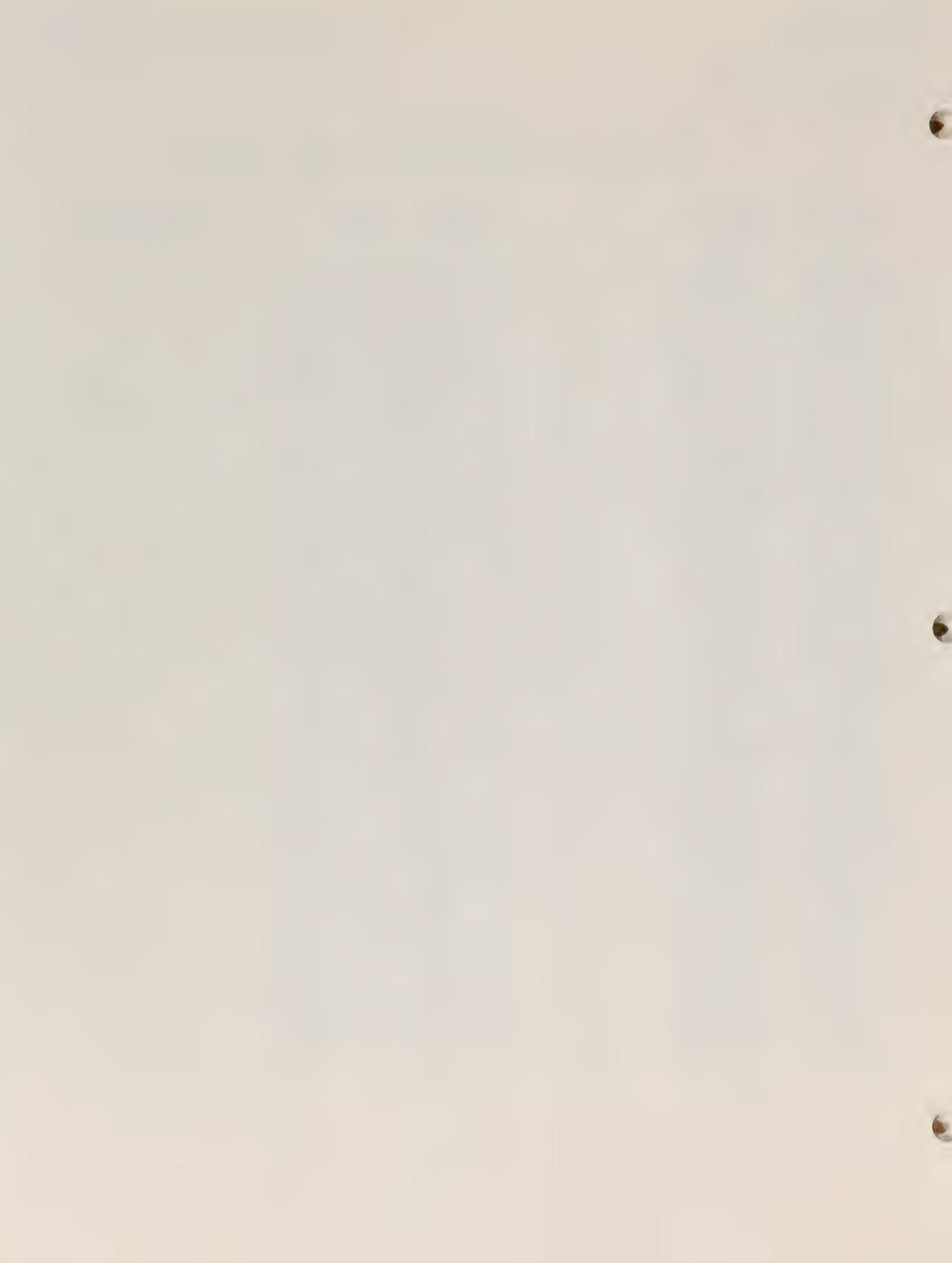
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PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
13.333	453.678	18 55	JAN 31, 1975	
13.367	453.678	18 57	JAN 31, 1975	
13.400	453.678	18 59	JAN 31, 1975	
13.433	453.690	19 01	JAN 31, 1975	
13.467	453.678	19 03	JAN 31, 1975	
13.500	453.678	19 05	JAN 31, 1975	
13.533	453.690	19 07	JAN 31, 1975	
13.567	453.690	19 09	JAN 31, 1975	
13.600	453.690	19 11	JAN 31, 1975	
13.633	453.690	19 13	JAN 31, 1975	
13.667	453.713	19 15	JAN 31, 1975	
13.700	453.713	19 17	JAN 31, 1975	
13.733	453.713	19 19	JAN 31, 1975	
13.767	453.701	19 21	JAN 31, 1975	
13.800	453.701	19 23	JAN 31, 1975	
13.833	453.713	19 25	JAN 31, 1975	
13.867	453.701	19 27	JAN 31, 1975	
13.900	453.713	19 29	JAN 31, 1975	
13.933	453.713	19 31	JAN 31, 1975	
13.967	453.713	19 33	JAN 31, 1975	
14.000	453.713	19 35	JAN 31, 1975	
14.033	453.713	19 37	JAN 31, 1975	
14.067	453.724	19 39	JAN 31, 1975	
14.100	453.724	19 41	JAN 31, 1975	
14.133	453.724	19 43	JAN 31, 1975	
14.167	453.724	19 45	JAN 31, 1975	
14.200	453.747	19 47	JAN 31, 1975	
14.233	453.736	19 49	JAN 31, 1975	
14.267	453.736	19 51	JAN 31, 1975	
14.300	453.736	19 53	JAN 31, 1975	
14.333	453.747	19 55	JAN 31, 1975	
14.367	453.736	19 57	JAN 31, 1975	
14.400	453.736	19 59	JAN 31, 1975	
14.433	453.747	20 01	JAN 31, 1975	
14.467	453.747	20 03	JAN 31, 1975	
14.500	453.747	20 05	JAN 31, 1975	
14.533	453.747	20 07	JAN 31, 1975	
14.567	453.759	20 09	JAN 31, 1975	
14.600	453.759	20 11	JAN 31, 1975	
14.633	453.759	20 13	JAN 31, 1975	



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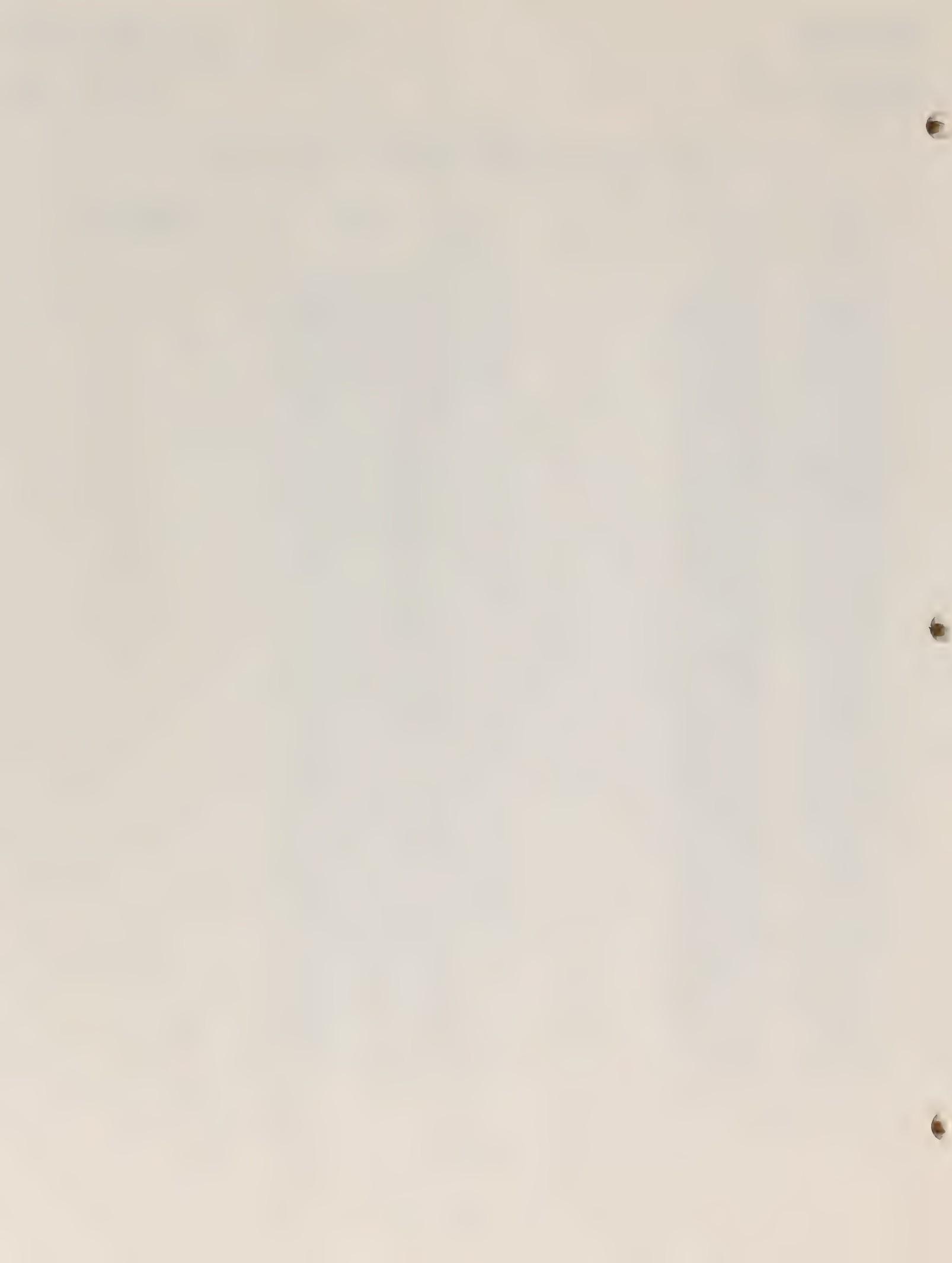
DATE OF JOB  
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DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
14.667	453.770	20 15	JAN 31, 1975	
14.700	453.770	20 17	JAN 31, 1975	
14.733	453.770	20 19	JAN 31, 1975	
14.767	453.770	20 21	JAN 31, 1975	
14.800	453.770	20 23	JAN 31, 1975	
14.833	453.770	20 25	JAN 31, 1975	
14.867	453.770	20 27	JAN 31, 1975	
14.900	453.782	20 29	JAN 31, 1975	
14.933	453.770	20 31	JAN 31, 1975	
14.967	453.770	20 33	JAN 31, 1975	
15.000	453.782	20 35	JAN 31, 1975	
15.033	453.793	20 37	JAN 31, 1975	
15.067	453.793	20 39	JAN 31, 1975	
15.100	453.793	20 41	JAN 31, 1975	
15.133	453.805	20 43	JAN 31, 1975	
15.167	453.805	20 45	JAN 31, 1975	
15.200	453.805	20 47	JAN 31, 1975	
15.233	453.805	20 49	JAN 31, 1975	
15.267	453.817	20 51	JAN 31, 1975	
15.300	453.817	20 53	JAN 31, 1975	
15.333	453.817	20 55	JAN 31, 1975	
15.367	453.817	20 57	JAN 31, 1975	
15.400	453.817	20 59	JAN 31, 1975	
15.433	453.817	21 01	JAN 31, 1975	
15.467	453.817	21 03	JAN 31, 1975	
15.500	453.817	21 05	JAN 31, 1975	
15.533	453.817	21 07	JAN 31, 1975	
15.567	453.840	21 09	JAN 31, 1975	
15.600	453.828	21 11	JAN 31, 1975	
15.633	453.828	21 13	JAN 31, 1975	
15.667	453.840	21 15	JAN 31, 1975	
15.700	453.840	21 17	JAN 31, 1975	
15.733	453.840	21 19	JAN 31, 1975	
15.767	453.840	21 21	JAN 31, 1975	
15.800	453.851	21 23	JAN 31, 1975	
15.833	453.851	21 25	JAN 31, 1975	
15.867	453.851	21 27	JAN 31, 1975	
15.900	453.840	21 29	JAN 31, 1975	
15.933	453.851	21 31	JAN 31, 1975	
15.967	453.851	21 33	JAN 31, 1975	



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DELTA TIME	PRESSURE (PST)	TIME HR MIN	DATE	COMMENTS
16.000	453.851	21 35	JAN 31, 1975	
16.033	453.851	21 37	JAN 31, 1975	
16.067	453.863	21 39	JAN 31, 1975	
16.100	453.863	21 41	JAN 31, 1975	
16.133	453.863	21 43	JAN 31, 1975	
16.167	453.863	21 45	JAN 31, 1975	
16.200	453.863	21 47	JAN 31, 1975	
16.233	453.863	21 49	JAN 31, 1975	
16.267	453.863	21 51	JAN 31, 1975	
16.300	453.874	21 53	JAN 31, 1975	
16.333	453.874	21 55	JAN 31, 1975	
16.367	453.874	21 57	JAN 31, 1975	
16.400	453.886	21 59	JAN 31, 1975	
16.433	453.886	22 01	JAN 31, 1975	
16.467	453.886	22 03	JAN 31, 1975	
16.500	453.886	22 05	JAN 31, 1975	
16.533	453.874	22 07	JAN 31, 1975	
16.567	453.886	22 09	JAN 31, 1975	
16.600	453.886	22 11	JAN 31, 1975	
16.633	453.886	22 13	JAN 31, 1975	
16.667	453.886	22 15	JAN 31, 1975	
16.700	453.897	22 17	JAN 31, 1975	
16.733	453.897	22 19	JAN 31, 1975	
16.766	453.886	22 21	JAN 31, 1975	
16.800	453.897	22 23	JAN 31, 1975	
16.833	453.897	22 25	JAN 31, 1975	
16.866	453.909	22 27	JAN 31, 1975	
16.900	453.909	22 29	JAN 31, 1975	
16.933	453.897	22 31	JAN 31, 1975	
16.966	453.909	22 33	JAN 31, 1975	
17.000	453.909	22 35	JAN 31, 1975	
17.033	453.909	22 37	JAN 31, 1975	
17.066	453.909	22 39	JAN 31, 1975	
17.100	453.921	22 41	JAN 31, 1975	
17.133	453.921	22 43	JAN 31, 1975	
17.166	453.921	22 45	JAN 31, 1975	
17.200	453.921	22 47	JAN 31, 1975	
17.233	453.932	22 49	JAN 31, 1975	
17.266	453.921	22 51	JAN 31, 1975	
17.300	453.932	22 53	JAN 31, 1975	



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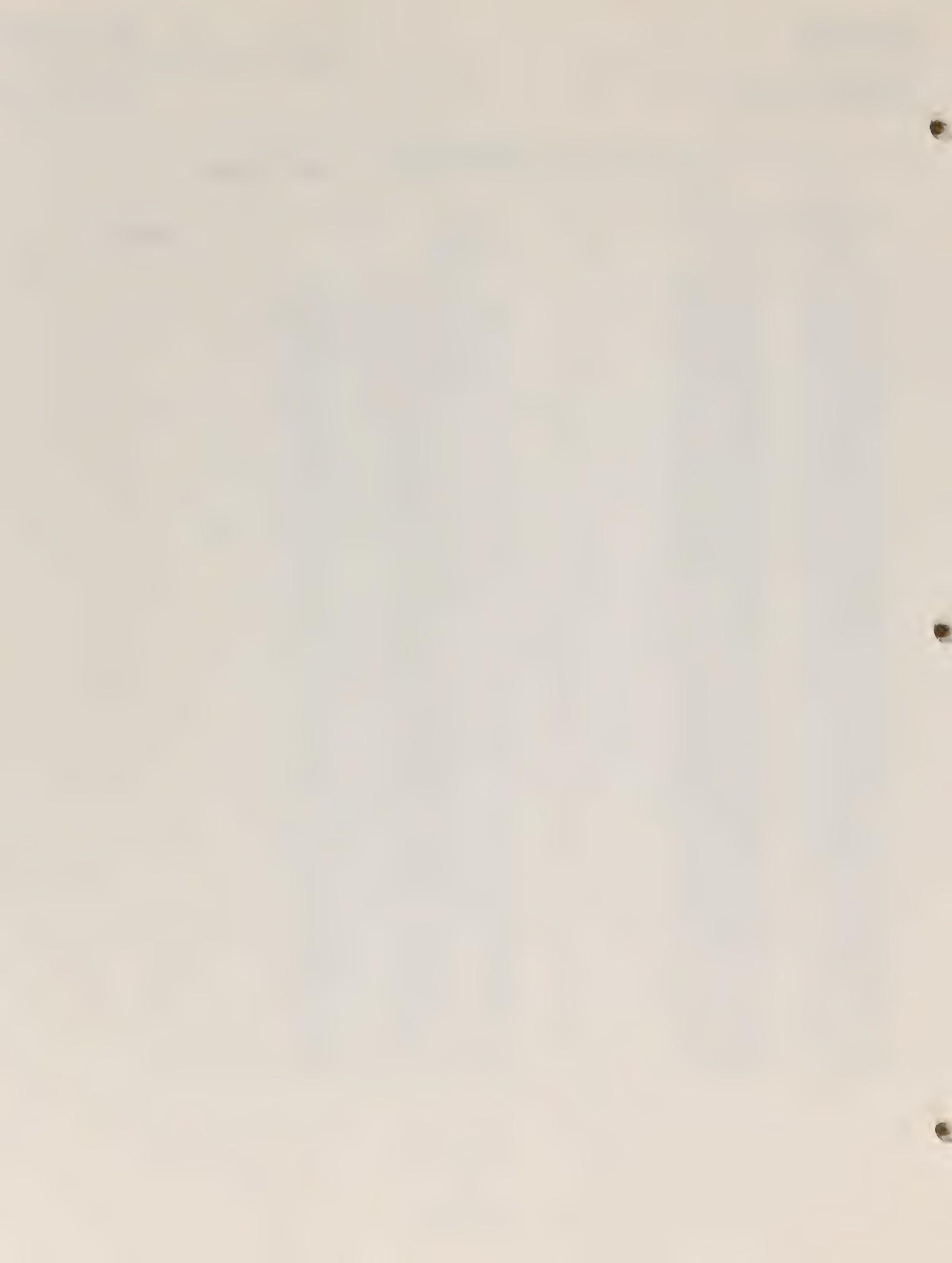
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DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
17.333	453.932	22 55	JAN 31, 1975	
17.366	453.932	22 57	JAN 31, 1975	
17.400	453.932	22 59	JAN 31, 1975	
17.433	453.932	23 01	JAN 31, 1975	
17.466	453.932	23 03	JAN 31, 1975	
17.500	453.932	23 05	JAN 31, 1975	
17.533	453.932	23 07	JAN 31, 1975	
17.566	453.932	23 09	JAN 31, 1975	
17.600	453.944	23 11	JAN 31, 1975	
17.633	453.944	23 13	JAN 31, 1975	
17.666	453.932	23 15	JAN 31, 1975	
17.700	453.944	23 17	JAN 31, 1975	
17.733	453.944	23 19	JAN 31, 1975	
17.766	453.955	23 21	JAN 31, 1975	
17.800	453.955	23 23	JAN 31, 1975	
17.833	453.955	23 25	JAN 31, 1975	
17.866	453.955	23 27	JAN 31, 1975	
17.900	453.955	23 29	JAN 31, 1975	
17.933	453.955	23 31	JAN 31, 1975	
17.966	453.967	23 33	JAN 31, 1975	
18.000	453.967	23 35	JAN 31, 1975	
18.033	453.967	23 37	JAN 31, 1975	
18.066	453.967	23 39	JAN 31, 1975	
18.100	453.967	23 41	JAN 31, 1975	
18.133	453.978	23 43	JAN 31, 1975	
18.166	453.978	23 45	JAN 31, 1975	
18.200	453.967	23 47	JAN 31, 1975	
18.233	453.978	23 49	JAN 31, 1975	
18.266	453.978	23 51	JAN 31, 1975	
18.300	453.978	23 53	JAN 31, 1975	
18.333	453.978	23 55	JAN 31, 1975	
18.366	453.978	23 57	JAN 31, 1975	
18.400	453.978	23 59	JAN 31, 1975	
18.433	453.978	00 01	FEB 01, 1975	
18.466	453.978	00 03	FEB 01, 1975	
18.500	453.978	00 05	FEB 01, 1975	
18.533	453.990	00 07	FEB 01, 1975	
18.566	453.990	00 09	FEB 01, 1975	
18.600	453.990	00 11	FEB 01, 1975	
18.633	453.990	00 13	FEB 01, 1975	



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DELTA TIME	PRESSURE (PST)	TIME HR MIN	DATE	COMMENTS
18.666	453.955	00 15	FEB 01, 1975	
18.700	454.013	00 17	FEB 01, 1975	
18.733	453.990	00 19	FEB 01, 1975	
18.766	454.001	00 21	FEB 01, 1975	
18.800	454.001	00 23	FEB 01, 1975	
18.833	454.001	00 25	FEB 01, 1975	
18.866	454.001	00 27	FEB 01, 1975	
18.900	454.013	00 29	FEB 01, 1975	
18.933	454.013	00 31	FEB 01, 1975	
18.966	454.013	00 33	FEB 01, 1975	
19.000	454.013	00 35	FEB 01, 1975	
19.033	454.013	00 37	FEB 01, 1975	
19.066	454.013	00 39	FEB 01, 1975	
19.100	454.013	00 41	FEB 01, 1975	
19.133	454.013	00 43	FEB 01, 1975	
19.166	454.024	00 45	FEB 01, 1975	
19.200	454.024	00 47	FEB 01, 1975	
19.233	454.024	00 49	FEB 01, 1975	
19.266	454.024	00 51	FEB 01, 1975	
19.300	454.024	00 53	FEB 01, 1975	
19.333	454.036	00 55	FEB 01, 1975	
19.366	454.036	00 57	FEB 01, 1975	
19.400	454.036	00 59	FEB 01, 1975	
19.433	454.036	01 01	FEB 01, 1975	
19.466	454.036	01 03	FEB 01, 1975	
19.500	454.036	01 05	FEB 01, 1975	
19.533	454.036	01 07	FEB 01, 1975	
19.566	454.036	01 09	FEB 01, 1975	
19.600	454.048	01 11	FEB 01, 1975	
19.633	454.048	01 13	FEB 01, 1975	
19.666	454.048	01 15	FEB 01, 1975	
19.700	454.059	01 17	FEB 01, 1975	
19.733	454.059	01 19	FEB 01, 1975	
19.766	454.048	01 21	FEB 01, 1975	
19.800	454.059	01 23	FEB 01, 1975	
19.833	454.059	01 25	FEB 01, 1975	
19.866	454.059	01 27	FEB 01, 1975	
19.900	454.059	01 29	FEB 01, 1975	
19.933	454.059	01 31	FEB 01, 1975	
19.966	454.059	01 33	FEB 01, 1975	



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DELTA TIME	PRESSURE (PST)	TIME HR MIN	DATE	COMMENTS
20.000	454.059	01 35	FEB 01, 1975	
20.033	454.071	01 37	FEB 01, 1975	
20.066	454.071	01 39	FEB 01, 1975	
20.100	454.071	01 41	FEB 01, 1975	
20.133	454.059	01 43	FEB 01, 1975	
20.166	454.071	01 45	FEB 01, 1975	
20.200	454.071	01 47	FEB 01, 1975	
20.233	454.071	01 49	FEB 01, 1975	
20.266	454.082	01 51	FEB 01, 1975	
20.300	454.082	01 53	FEB 01, 1975	
20.333	454.082	01 55	FEB 01, 1975	
20.366	454.082	01 57	FEB 01, 1975	
20.400	454.082	01 59	FEB 01, 1975	
20.433	454.082	02 01	FEB 01, 1975	
20.466	454.024	02 03	FEB 01, 1975	
20.500	454.048	02 05	FEB 01, 1975	
20.533	454.094	02 07	FEB 01, 1975	
20.566	454.105	02 09	FEB 01, 1975	
20.600	454.105	02 11	FEB 01, 1975	
20.633	454.094	02 13	FEB 01, 1975	
20.666	454.105	02 15	FEB 01, 1975	
20.700	454.105	02 17	FEB 01, 1975	
20.733	454.105	02 19	FEB 01, 1975	
20.766	454.105	02 21	FEB 01, 1975	
20.800	454.105	02 23	FEB 01, 1975	
20.833	454.105	02 25	FEB 01, 1975	
20.866	454.105	02 27	FEB 01, 1975	
20.900	454.105	02 29	FEB 01, 1975	
20.933	454.105	02 31	FEB 01, 1975	
20.966	454.117	02 33	FEB 01, 1975	
21.000	454.117	02 35	FEB 01, 1975	
21.033	454.117	02 37	FEB 01, 1975	
21.066	454.117	02 39	FEB 01, 1975	
21.100	454.128	02 41	FEB 01, 1975	
21.133	454.128	02 43	FEB 01, 1975	
21.166	454.117	02 45	FEB 01, 1975	
21.200	454.128	02 47	FEB 01, 1975	
21.233	454.128	02 49	FEB 01, 1975	
21.266	454.128	02 51	FEB 01, 1975	
21.300	454.128	02 53	FEB 01, 1975	



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PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PST)	TIME HR MIN	DATE	COMMENTS
21.333	454.128	02 55	FEB 01, 1975	
21.366	454.140	02 57	FEB 01, 1975	
21.400	454.140	02 59	FEB 01, 1975	
21.433	454.140	03 01	FEB 01, 1975	
21.466	454.140	03 03	FEB 01, 1975	
21.500	454.140	03 05	FEB 01, 1975	
21.533	454.140	03 07	FEB 01, 1975	
21.566	454.105	03 09	FEB 01, 1975	
21.600	454.140	03 11	FEB 01, 1975	
21.633	454.163	03 13	FEB 01, 1975	
21.666	454.151	03 15	FEB 01, 1975	
21.700	454.151	03 17	FEB 01, 1975	
21.733	454.151	03 19	FEB 01, 1975	
21.766	454.163	03 21	FEB 01, 1975	
21.800	454.151	03 23	FEB 01, 1975	
21.833	454.151	03 25	FEB 01, 1975	
21.866	454.163	03 27	FEB 01, 1975	
21.900	454.163	03 29	FEB 01, 1975	
21.933	454.163	03 31	FEB 01, 1975	
21.966	454.163	03 33	FEB 01, 1975	
22.000	454.163	03 35	FEB 01, 1975	
22.033	454.163	03 37	FEB 01, 1975	
22.066	454.175	03 39	FEB 01, 1975	
22.100	454.163	03 41	FEB 01, 1975	
22.133	454.175	03 43	FEB 01, 1975	
22.166	454.186	03 45	FEB 01, 1975	
22.200	454.186	03 47	FEB 01, 1975	
22.233	454.186	03 49	FEB 01, 1975	
22.266	454.175	03 51	FEB 01, 1975	
22.300	454.186	03 53	FEB 01, 1975	
22.333	454.186	03 55	FEB 01, 1975	
22.366	454.186	03 57	FEB 01, 1975	
22.400	454.186	03 59	FEB 01, 1975	
22.433	454.198	04 01	FEB 01, 1975	
22.466	454.198	04 03	FEB 01, 1975	
22.500	454.186	04 05	FEB 01, 1975	
22.533	454.198	04 07	FEB 01, 1975	
22.566	454.195	04 09	FEB 01, 1975	
22.600	454.198	04 11	FEB 01, 1975	
22.633	454.198	04 13	FEB 01, 1975	



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SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
22.666	454.209	04 15	FEB 01, 1975	
22.700	454.209	04 17	FEB 01, 1975	
22.733	454.209	04 19	FEB 01, 1975	
22.766	454.209	04 21	FEB 01, 1975	
22.800	454.209	04 23	FEB 01, 1975	
22.833	454.209	04 25	FEB 01, 1975	
22.866	454.209	04 27	FEB 01, 1975	
22.900	454.221	04 29	FEB 01, 1975	
22.933	454.221	04 31	FEB 01, 1975	
22.966	454.221	04 33	FEB 01, 1975	
23.000	454.221	04 35	FEB 01, 1975	
23.033	454.221	04 37	FEB 01, 1975	
23.066	454.232	04 39	FEB 01, 1975	
23.100	454.232	04 41	FEB 01, 1975	
23.133	454.221	04 43	FEB 01, 1975	
23.166	454.232	04 45	FEB 01, 1975	
23.200	454.232	04 47	FEB 01, 1975	
23.233	454.232	04 49	FEB 01, 1975	
23.266	454.232	04 51	FEB 01, 1975	
23.300	454.232	04 53	FEB 01, 1975	
23.333	454.244	04 55	FEB 01, 1975	
23.366	454.232	04 57	FEB 01, 1975	
23.400	454.244	04 59	FEB 01, 1975	
23.433	454.244	05 01	FEB 01, 1975	
23.466	454.244	05 03	FEB 01, 1975	
23.500	454.244	05 05	FEB 01, 1975	
23.533	454.244	05 07	FEB 01, 1975	
23.566	454.244	05 09	FEB 01, 1975	
23.600	454.255	05 11	FEB 01, 1975	
23.633	454.244	05 13	FEB 01, 1975	
23.666	454.255	05 15	FEB 01, 1975	
23.700	454.267	05 17	FEB 01, 1975	
23.733	454.255	05 19	FEB 01, 1975	
23.766	454.267	05 21	FEB 01, 1975	
23.800	454.267	05 23	FEB 01, 1975	
23.833	454.267	05 25	FEB 01, 1975	
23.866	454.267	05 27	FEB 01, 1975	
23.900	454.267	05 29	FEB 01, 1975	
23.933	454.267	05 31	FEB 01, 1975	
23.966	454.278	05 33	FEB 01, 1975	

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42 MPT-8

DATE OF RUN

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DELTA TIME	PRESSURE (PST)	TIME HR MIN	DATE	COMMENTS
24.000	454.278	05 35	FEB 01, 1975	
24.033	454.278	05 37	FEB 01, 1975	
24.066	454.278	05 39	FEB 01, 1975	
24.100	454.278	05 41	FEB 01, 1975	
24.133	454.290	05 43	FEB 01, 1975	
24.166	454.290	05 45	FEB 01, 1975	
24.200	454.290	05 47	FEB 01, 1975	
24.233	454.290	05 49	FEB 01, 1975	
24.266	454.290	05 51	FEB 01, 1975	
24.300	454.290	05 53	FEB 01, 1975	
24.333	454.290	05 55	FEB 01, 1975	
24.366	454.302	05 57	FEB 01, 1975	
24.400	454.302	05 59	FEB 01, 1975	
24.433	454.302	06 01	FEB 01, 1975	
24.466	454.313	06 03	FEB 01, 1975	
24.500	454.313	06 05	FEB 01, 1975	
24.533	454.302	06 07	FEB 01, 1975	
24.566	454.313	06 09	FEB 01, 1975	END JETTING
24.600	454.325	06 11	FEB 01, 1975	START RECOVERY
24.633	454.325	06 13	FEB 01, 1975	
24.666	454.325	06 15	FEB 01, 1975	
24.700	454.313	06 17	FEB 01, 1975	
24.733	454.325	06 19	FEB 01, 1975	
24.766	454.325	06 21	FEB 01, 1975	
24.800	454.325	06 23	FEB 01, 1975	
24.833	454.313	06 25	FEB 01, 1975	
24.866	454.325	06 27	FEB 01, 1975	
24.900	454.325	06 29	FEB 01, 1975	
24.933	454.336	06 31	FEB 01, 1975	
24.966	454.348	06 33	FEB 01, 1975	
25.000	454.348	06 35	FEB 01, 1975	
25.033	454.348	06 37	FEB 01, 1975	
25.066	454.348	06 39	FEB 01, 1975	
25.100	454.348	06 41	FEB 01, 1975	
25.133	454.348	06 43	FEB 01, 1975	
25.166	454.348	06 45	FEB 01, 1975	
25.200	454.348	06 47	FEB 01, 1975	
25.233	454.336	06 49	FEB 01, 1975	
25.266	454.348	06 51	FEB 01, 1975	
25.300	454.359	06 53	FEB 01, 1975	



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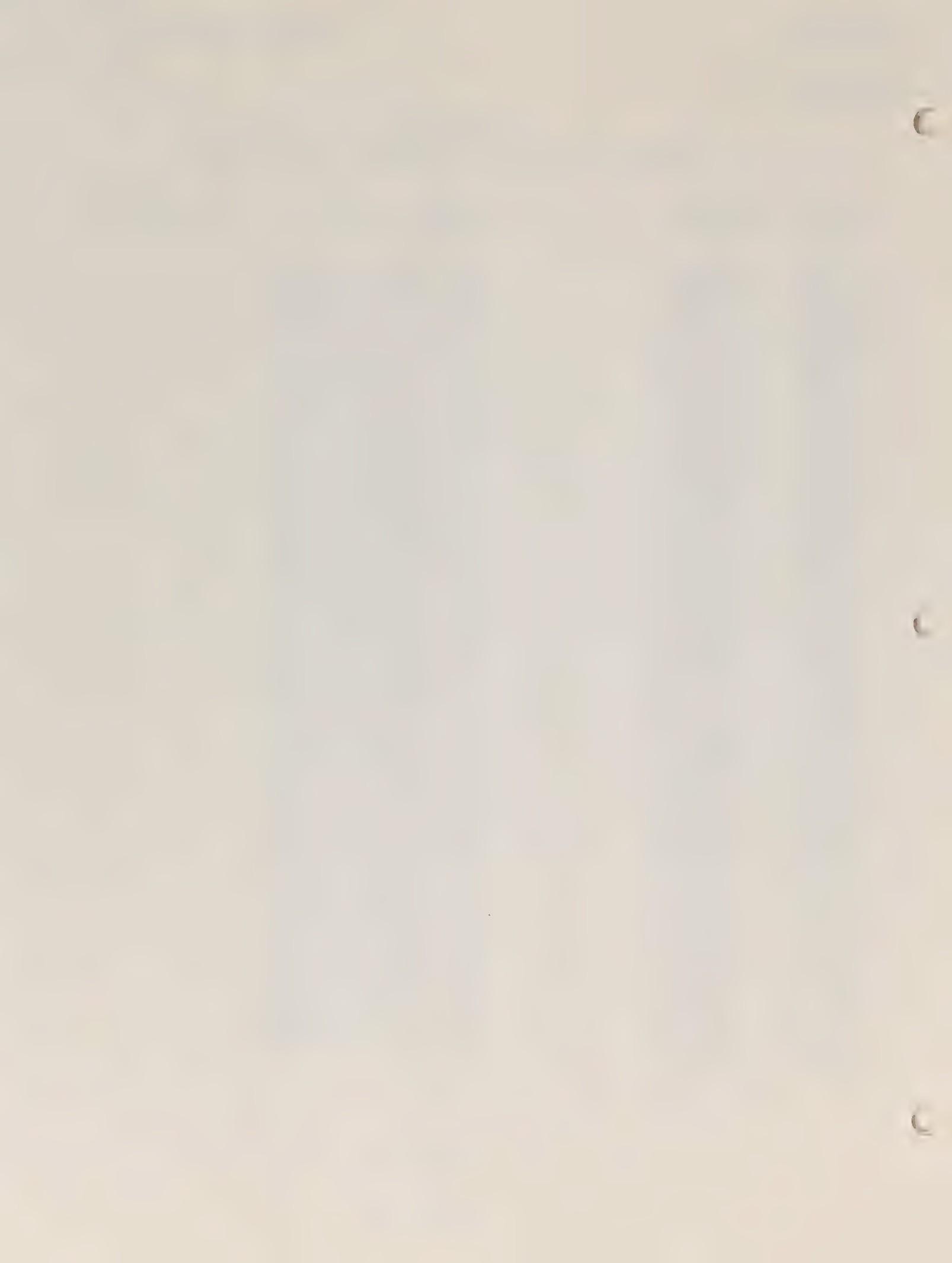
DATE OF JOB  
JANUARY 31-FEBRUARY 2, 1975

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42 MPT-B

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
25.333	454.348	06 55	FEB 01, 1975	
25.366	454.348	06 57	FEB 01, 1975	
25.400	454.359	06 59	FEB 01, 1975	
25.433	454.348	07 01	FEB 01, 1975	
25.466	454.359	07 03	FEB 01, 1975	
25.500	454.348	07 05	FEB 01, 1975	
25.533	454.359	07 07	FEB 01, 1975	
25.566	454.359	07 09	FEB 01, 1975	
25.600	454.359	07 11	FEB 01, 1975	
25.633	454.359	07 13	FEB 01, 1975	
25.666	454.359	07 15	FEB 01, 1975	
25.700	454.371	07 17	FEB 01, 1975	
25.733	454.382	07 19	FEB 01, 1975	
25.766	454.371	07 21	FEB 01, 1975	
25.800	454.371	07 23	FEB 01, 1975	
25.833	454.371	07 25	FEB 01, 1975	
25.866	454.371	07 27	FEB 01, 1975	
25.900	454.359	07 29	FEB 01, 1975	
25.933	454.371	07 31	FEB 01, 1975	
25.966	454.382	07 33	FEB 01, 1975	
26.000	454.382	07 35	FEB 01, 1975	
26.033	454.382	07 37	FEB 01, 1975	
26.066	454.382	07 39	FEB 01, 1975	
26.100	454.382	07 41	FEB 01, 1975	
26.133	454.394	07 43	FEB 01, 1975	
26.166	454.394	07 45	FEB 01, 1975	
26.200	454.405	07 47	FEB 01, 1975	
26.233	454.405	07 49	FEB 01, 1975	
26.266	454.405	07 51	FEB 01, 1975	
26.300	454.405	07 53	FEB 01, 1975	
26.333	454.405	07 55	FEB 01, 1975	
26.366	454.405	07 57	FEB 01, 1975	
26.400	454.417	07 59	FEB 01, 1975	
26.433	454.405	08 01	FEB 01, 1975	
26.466	454.417	08 03	FEB 01, 1975	
26.500	454.417	08 05	FEB 01, 1975	
26.533	454.417	08 07	FEB 01, 1975	
26.566	454.417	08 09	FEB 01, 1975	
26.600	454.417	08 11	FEB 01, 1975	
26.633	454.417	08 13	FEB 01, 1975	



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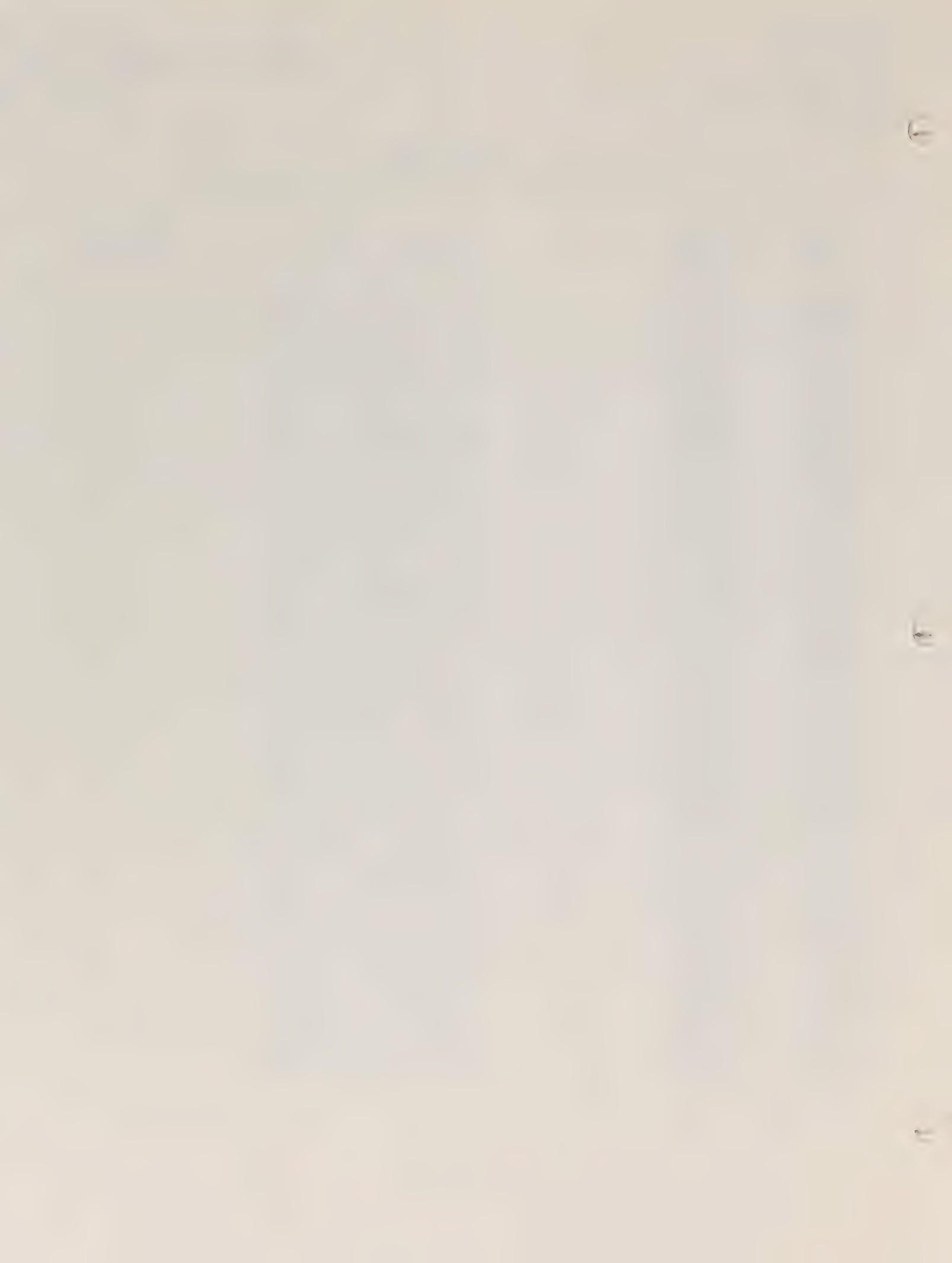
DATE OF JOB  
ANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER  
42 MPT-A

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PST)	TIME HR MIN	DATE	COMMENTS
26.666	454.405	08	15 FEB 01, 1975	
26.700	454.429	08	17 FEB 01, 1975	
26.733	454.429	08	19 FEB 01, 1975	
26.766	454.429	08	21 FEB 01, 1975	
26.800	454.429	08	23 FEB 01, 1975	
26.833	454.429	08	25 FEB 01, 1975	
26.866	454.429	08	27 FEB 01, 1975	
26.900	454.440	09	29 FEB 01, 1975	
26.933	454.440	09	31 FEB 01, 1975	
26.966	454.440	09	03 FEB 01, 1975	
27.000	454.440	08	05 FEB 01, 1975	
27.033	454.440	08	07 FEB 01, 1975	
27.066	454.440	08	09 FEB 01, 1975	
27.100	454.440	08	11 FEB 01, 1975	
27.133	454.440	08	13 FEB 01, 1975	
27.166	454.440	08	15 FEB 01, 1975	
27.200	454.463	08	17 FEB 01, 1975	
27.233	454.463	08	19 FEB 01, 1975	
27.266	454.452	08	21 FEB 01, 1975	
27.300	454.463	08	23 FEB 01, 1975	
27.333	454.463	08	25 FEB 01, 1975	
27.366	454.463	08	27 FEB 01, 1975	
27.400	454.463	08	29 FEB 01, 1975	
27.433	454.475	09	01 FEB 01, 1975	
27.466	454.475	09	03 FEB 01, 1975	
27.500	454.475	09	05 FEB 01, 1975	
27.533	454.475	09	07 FEB 01, 1975	
27.566	454.475	09	09 FEB 01, 1975	
27.600	454.475	09	11 FEB 01, 1975	
27.633	454.463	09	13 FEB 01, 1975	
27.666	454.475	09	15 FEB 01, 1975	
27.700	454.486	09	17 FEB 01, 1975	
27.733	454.486	09	19 FEB 01, 1975	
27.766	454.486	09	21 FEB 01, 1975	
27.800	454.486	09	23 FEB 01, 1975	
27.833	454.486	09	25 FEB 01, 1975	
27.866	454.486	09	27 FEB 01, 1975	
27.900	454.498	09	29 FEB 01, 1975	
27.933	454.498	09	31 FEB 01, 1975	
27.966	454.498	09	03 FEB 01, 1975	



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DELTA TIME	PRESSURE (PST)	TIME HR MIN	DATE	COMMENTS
28.000	454.498	09 35	FEB 01, 1975	
28.033	454.498	09 37	FEB 01, 1975	
28.066	454.498	09 39	FEB 01, 1975	
28.100	454.498	09 41	FEB 01, 1975	
28.133	454.509	09 43	FEB 01, 1975	
28.166	454.509	09 45	FEB 01, 1975	
28.200	454.498	09 47	FEB 01, 1975	
28.233	454.509	09 49	FEB 01, 1975	
28.266	454.509	09 51	FEB 01, 1975	
28.300	454.509	09 53	FEB 01, 1975	
28.333	454.509	09 55	FEB 01, 1975	
28.366	454.521	09 57	FEB 01, 1975	
28.400	454.509	09 59	FEB 01, 1975	
28.433	454.521	10 01	FEB 01, 1975	
28.466	454.521	10 03	FEB 01, 1975	
28.500	454.521	10 05	FEB 01, 1975	
28.533	454.521	10 07	FEB 01, 1975	
28.566	454.521	10 09	FEB 01, 1975	
28.600	454.521	10 11	FEB 01, 1975	
28.633	454.532	10 13	FEB 01, 1975	
28.666	454.532	10 15	FEB 01, 1975	
28.700	454.532	10 17	FEB 01, 1975	
28.733	454.532	10 19	FEB 01, 1975	
28.766	454.532	10 21	FEB 01, 1975	
28.800	454.532	10 23	FEB 01, 1975	
28.833	454.532	10 25	FEB 01, 1975	
28.866	454.532	10 27	FEB 01, 1975	
28.900	454.532	10 29	FEB 01, 1975	
28.933	454.532	10 31	FEB 01, 1975	
28.966	454.532	10 33	FEB 01, 1975	
29.000	454.544	10 35	FEB 01, 1975	
29.033	454.544	10 37	FEB 01, 1975	
29.066	454.544	10 39	FEB 01, 1975	
29.100	454.544	10 41	FEB 01, 1975	
29.133	454.544	10 43	FEB 01, 1975	
29.166	454.544	10 45	FEB 01, 1975	
29.200	454.544	10 47	FEB 01, 1975	
29.233	454.544	10 49	FEB 01, 1975	
29.266	454.544	10 51	FEB 01, 1975	
29.300	454.556	10 53	FEB 01, 1975	



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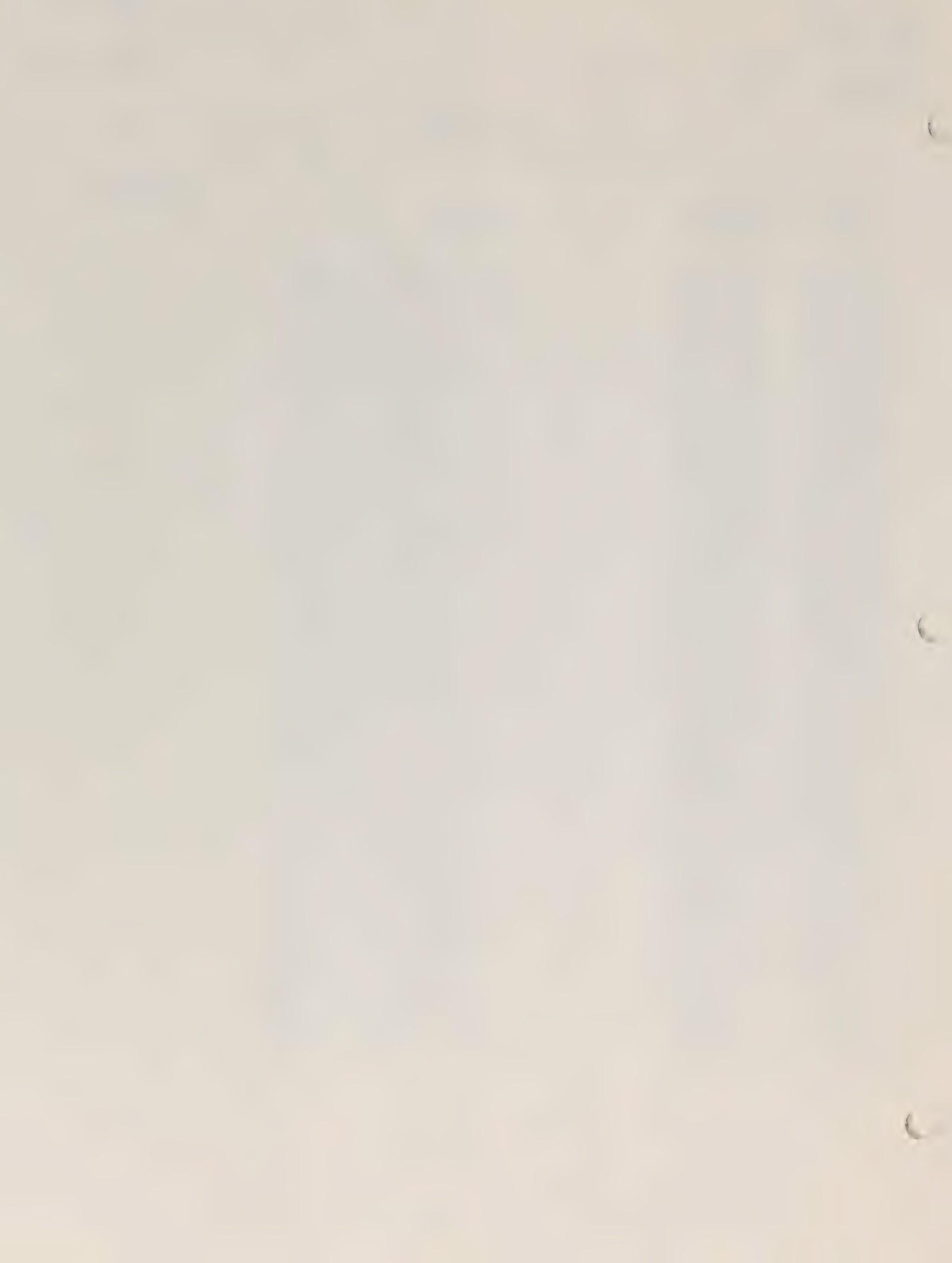
DATE OF JOB  
ANUARY 31-FEBRUARY 2, 1975

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42 MPT-8

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PST)	TIME HR MIN	DATE	COMMENTS
29.333	454.544	10 55	FEB 01, 1975	
29.366	454.556	10 57	FEB 01, 1975	
29.400	454.556	10 59	FEB 01, 1975	
29.433	454.556	11 01	FEB 01, 1975	
29.466	454.556	11 03	FEB 01, 1975	
29.500	454.556	11 05	FEB 01, 1975	
29.533	454.556	11 07	FEB 01, 1975	
29.566	454.567	11 09	FEB 01, 1975	
29.600	454.556	11 11	FEB 01, 1975	
29.633	454.567	11 13	FEB 01, 1975	
29.666	454.544	11 15	FEB 01, 1975	
29.700	454.544	11 17	FEB 01, 1975	
29.733	454.567	11 19	FEB 01, 1975	
29.766	454.567	11 21	FEB 01, 1975	
29.800	454.567	11 23	FEB 01, 1975	
29.833	454.567	11 25	FEB 01, 1975	
29.866	454.579	11 27	FEB 01, 1975	
29.900	454.567	11 29	FEB 01, 1975	
29.933	454.567	11 31	FEB 01, 1975	
29.966	454.567	11 33	FEB 01, 1975	
30.000	454.579	11 35	FEB 01, 1975	
30.033	454.579	11 37	FEB 01, 1975	
30.066	454.579	11 39	FEB 01, 1975	
30.100	454.567	11 41	FEB 01, 1975	
30.133	454.579	11 43	FEB 01, 1975	
30.166	454.579	11 45	FEB 01, 1975	
30.200	454.567	11 47	FEB 01, 1975	
30.233	454.579	11 49	FEB 01, 1975	
30.266	454.579	11 51	FEB 01, 1975	
30.300	454.579	11 53	FEB 01, 1975	
30.333	454.567	11 55	FEB 01, 1975	
30.366	454.590	11 57	FEB 01, 1975	
30.400	454.590	11 59	FEB 01, 1975	
30.433	454.590	12 01	FEB 01, 1975	
30.466	454.590	12 03	FEB 01, 1975	
30.500	454.590	12 05	FEB 01, 1975	
30.533	454.590	12 07	FEB 01, 1975	
30.566	454.590	12 09	FEB 01, 1975	
30.600	454.590	12 11	FEB 01, 1975	
30.633	454.590	12 13	FEB 01, 1975	



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DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
30.666	454.590	12 15	FEB 01, 1975	
30.700	454.590	12 17	FEB 01, 1975	
30.733	454.590	12 19	FEB 01, 1975	
30.766	454.590	12 21	FEB 01, 1975	
30.800	454.590	12 23	FEB 01, 1975	
30.833	454.590	12 25	FEB 01, 1975	
30.866	454.590	12 27	FEB 01, 1975	
30.900	454.590	12 29	FEB 01, 1975	
30.933	454.567	12 31	FEB 01, 1975	
30.966	454.590	12 33	FEB 01, 1975	
31.000	454.590	12 35	FEB 01, 1975	
31.033	454.579	12 37	FEB 01, 1975	
31.066	454.590	12 39	FEB 01, 1975	
31.100	454.590	12 41	FEB 01, 1975	
31.133	454.590	12 43	FEB 01, 1975	
31.166	454.590	12 45	FEB 01, 1975	
31.200	454.602	12 47	FEB 01, 1975	
31.233	454.590	12 49	FEB 01, 1975	
31.266	454.590	12 51	FEB 01, 1975	
31.300	454.590	12 53	FEB 01, 1975	
31.333	454.567	12 55	FEB 01, 1975	
31.366	454.567	12 57	FEB 01, 1975	
31.400	454.556	12 59	FEB 01, 1975	
31.433	454.556	13 01	FEB 01, 1975	
31.466	454.544	13 03	FEB 01, 1975	
31.500	454.532	13 05	FEB 01, 1975	
31.533	454.521	13 07	FEB 01, 1975	
31.566	454.521	13 09	FEB 01, 1975	
31.600	454.521	13 11	FEB 01, 1975	
31.633	454.509	13 13	FEB 01, 1975	
31.666	454.509	13 15	FEB 01, 1975	
31.700	454.532	13 17	FEB 01, 1975	
31.733	454.544	13 19	FEB 01, 1975	
31.766	454.544	13 21	FEB 01, 1975	
31.800	454.556	13 23	FEB 01, 1975	
31.833	454.556	13 25	FEB 01, 1975	
31.866	454.579	13 27	FEB 01, 1975	
31.900	454.579	13 29	FEB 01, 1975	
31.933	454.579	13 31	FEB 01, 1975	
31.966	454.579	13 33	FEB 01, 1975	



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SPERRY-SUN  
PRECISION SURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
32.000	454.567	13 35	FEB 01, 1975	
32.033	454.579	13 37	FEB 01, 1975	
32.066	454.579	13 39	FEB 01, 1975	
32.100	454.590	13 41	FEB 01, 1975	
32.133	454.590	13 43	FEB 01, 1975	
32.166	454.590	13 45	FEB 01, 1975	
32.200	454.590	13 47	FEB 01, 1975	
32.233	454.590	13 49	FEB 01, 1975	
32.266	454.590	13 51	FEB 01, 1975	
32.300	454.590	13 53	FEB 01, 1975	
32.333	454.590	13 55	FEB 01, 1975	
32.366	454.590	13 57	FEB 01, 1975	
32.400	454.590	13 59	FEB 01, 1975	
32.433	454.590	14 01	FEB 01, 1975	
32.466	454.590	14 03	FEB 01, 1975	
32.500	454.590	14 05	FEB 01, 1975	
32.533	454.590	14 07	FEB 01, 1975	
32.566	454.602	14 09	FEB 01, 1975	
32.600	454.602	14 11	FEB 01, 1975	
32.633	454.602	14 13	FEB 01, 1975	
32.666	454.602	14 15	FEB 01, 1975	
32.700	454.602	14 17	FEB 01, 1975	
32.733	454.613	14 19	FEB 01, 1975	
32.766	454.613	14 21	FEB 01, 1975	
32.800	454.613	14 23	FEB 01, 1975	
32.833	454.613	14 25	FEB 01, 1975	
32.866	454.613	14 27	FEB 01, 1975	
32.900	454.613	14 29	FEB 01, 1975	
32.933	454.602	14 31	FEB 01, 1975	
32.966	454.613	14 33	FEB 01, 1975	
33.000	454.613	14 35	FEB 01, 1975	
33.033	454.613	14 37	FEB 01, 1975	
33.066	454.613	14 39	FEB 01, 1975	
33.100	454.625	14 41	FEB 01, 1975	
33.133	454.625	14 43	FEB 01, 1975	
33.166	454.625	14 45	FEB 01, 1975	
33.200	454.613	14 47	FEB 01, 1975	
33.233	454.613	14 49	FEB 01, 1975	
33.266	454.625	14 51	FEB 01, 1975	
33.300	454.625	14 53	FEB 01, 1975	



JOB NUMBER  
SPG-11228-7

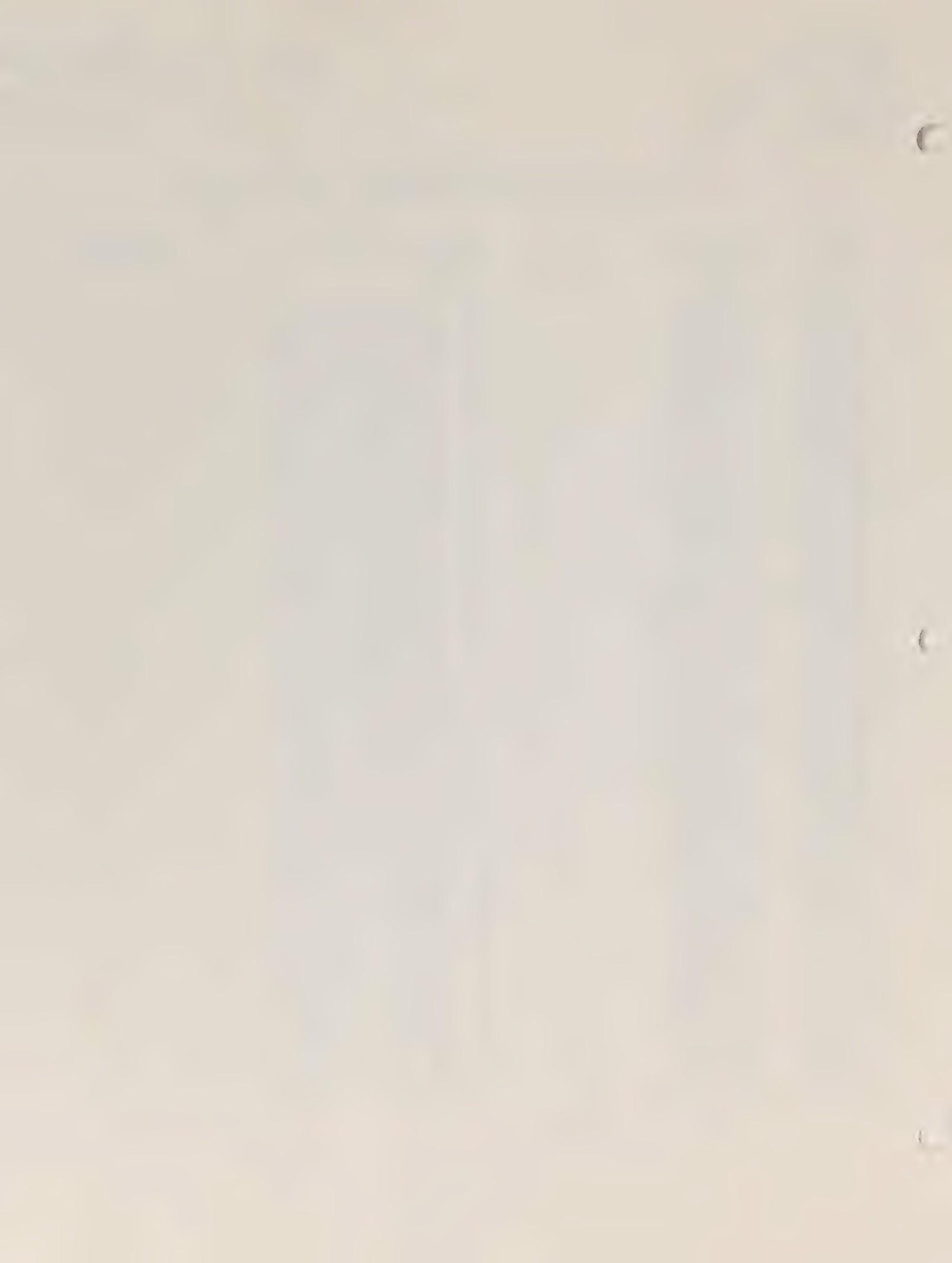
DATE OF JOB  
JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER  
42 MPT-B

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
33.333	454.625	14 55	FEB 01, 1975	
33.365	454.625	14 57	FEB 01, 1975	
33.400	454.636	14 59	FEB 01, 1975	
33.433	454.636	15 01	FEB 01, 1975	
33.466	454.636	15 03	FEB 01, 1975	
33.500	454.636	15 05	FEB 01, 1975	
33.533	454.636	15 07	FEB 01, 1975	
33.566	454.648	15 09	FEB 01, 1975	
33.600	454.648	15 11	FEB 01, 1975	
33.633	454.625	15 13	FEB 01, 1975	
33.666	454.648	15 15	FEB 01, 1975	
33.700	454.648	15 17	FEB 01, 1975	
33.733	454.648	15 19	FEB 01, 1975	
33.766	454.648	15 21	FEB 01, 1975	
33.800	454.659	15 23	FEB 01, 1975	
33.833	454.659	15 25	FEB 01, 1975	
33.866	454.648	15 27	FEB 01, 1975	
33.900	454.659	15 29	FEB 01, 1975	
33.933	454.648	15 31	FEB 01, 1975	
33.966	454.659	15 33	FEB 01, 1975	
34.000	454.659	15 35	FEB 01, 1975	
34.033	454.659	15 37	FEB 01, 1975	
34.066	454.659	15 39	FEB 01, 1975	
34.100	454.659	15 41	FEB 01, 1975	
34.133	454.659	15 43	FEB 01, 1975	
34.166	454.659	15 45	FEB 01, 1975	
34.200	454.671	15 47	FEB 01, 1975	
34.233	454.671	15 49	FEB 01, 1975	
34.266	454.671	15 51	FEB 01, 1975	
34.300	454.671	15 53	FEB 01, 1975	
34.333	454.683	15 55	FEB 01, 1975	
34.366	454.683	15 57	FEB 01, 1975	
34.400	454.671	15 59	FEB 01, 1975	
34.433	454.683	16 01	FEB 01, 1975	
34.466	454.683	16 03	FEB 01, 1975	
34.500	454.683	16 05	FEB 01, 1975	
34.533	454.683	16 07	FEB 01, 1975	
34.566	454.683	16 09	FEB 01, 1975	
34.600	454.683	16 11	FEB 01, 1975	
34.633	454.683	16 13	FEB 01, 1975	



JOB NUMBER  
SPG-11228-7

DATE OF JOB  
ANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER  
42 MPT-B

DATE OF RIJN

SPERRY-SIJN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
34.666	454.683	16 15	FEB 01, 1975	
34.700	454.694	16 17	FEB 01, 1975	
34.733	454.694	16 19	FEB 01, 1975	
34.766	454.694	16 21	FEB 01, 1975	
34.800	454.694	16 23	FEB 01, 1975	
34.833	454.694	16 25	FEB 01, 1975	
34.866	454.694	16 27	FEB 01, 1975	
34.900	454.706	16 29	FEB 01, 1975	
34.933	454.706	16 31	FEB 01, 1975	
34.966	454.706	16 33	FEB 01, 1975	
35.000	454.706	16 35	FEB 01, 1975	
35.033	454.706	16 37	FEB 01, 1975	
35.066	454.706	16 39	FEB 01, 1975	
35.100	454.717	16 41	FEB 01, 1975	
35.133	454.717	16 43	FEB 01, 1975	
35.166	454.717	16 45	FEB 01, 1975	
35.200	454.717	16 47	FEB 01, 1975	
35.233	454.717	16 49	FEB 01, 1975	
35.266	454.717	16 51	FEB 01, 1975	
35.300	454.717	16 53	FEB 01, 1975	
35.333	454.717	16 55	FEB 01, 1975	
35.366	454.717	16 57	FEB 01, 1975	
35.400	454.717	16 59	FEB 01, 1975	
35.433	454.717	17 01	FEB 01, 1975	
35.466	454.717	17 03	FEB 01, 1975	
35.500	454.717	17 05	FEB 01, 1975	
35.533	454.729	17 07	FEB 01, 1975	
35.566	454.729	17 09	FEB 01, 1975	
35.600	454.729	17 11	FEB 01, 1975	
35.633	454.729	17 13	FEB 01, 1975	
35.666	454.740	17 15	FEB 01, 1975	
35.700	454.740	17 17	FEB 01, 1975	
35.733	454.740	17 19	FEB 01, 1975	
35.766	454.740	17 21	FEB 01, 1975	
35.800	454.740	17 23	FEB 01, 1975	
35.833	454.740	17 25	FEB 01, 1975	
35.866	454.740	17 27	FEB 01, 1975	
35.900	454.740	17 29	FEB 01, 1975	
35.933	454.740	17 31	FEB 01, 1975	
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JOB NUMBER  
SPG-11228-7

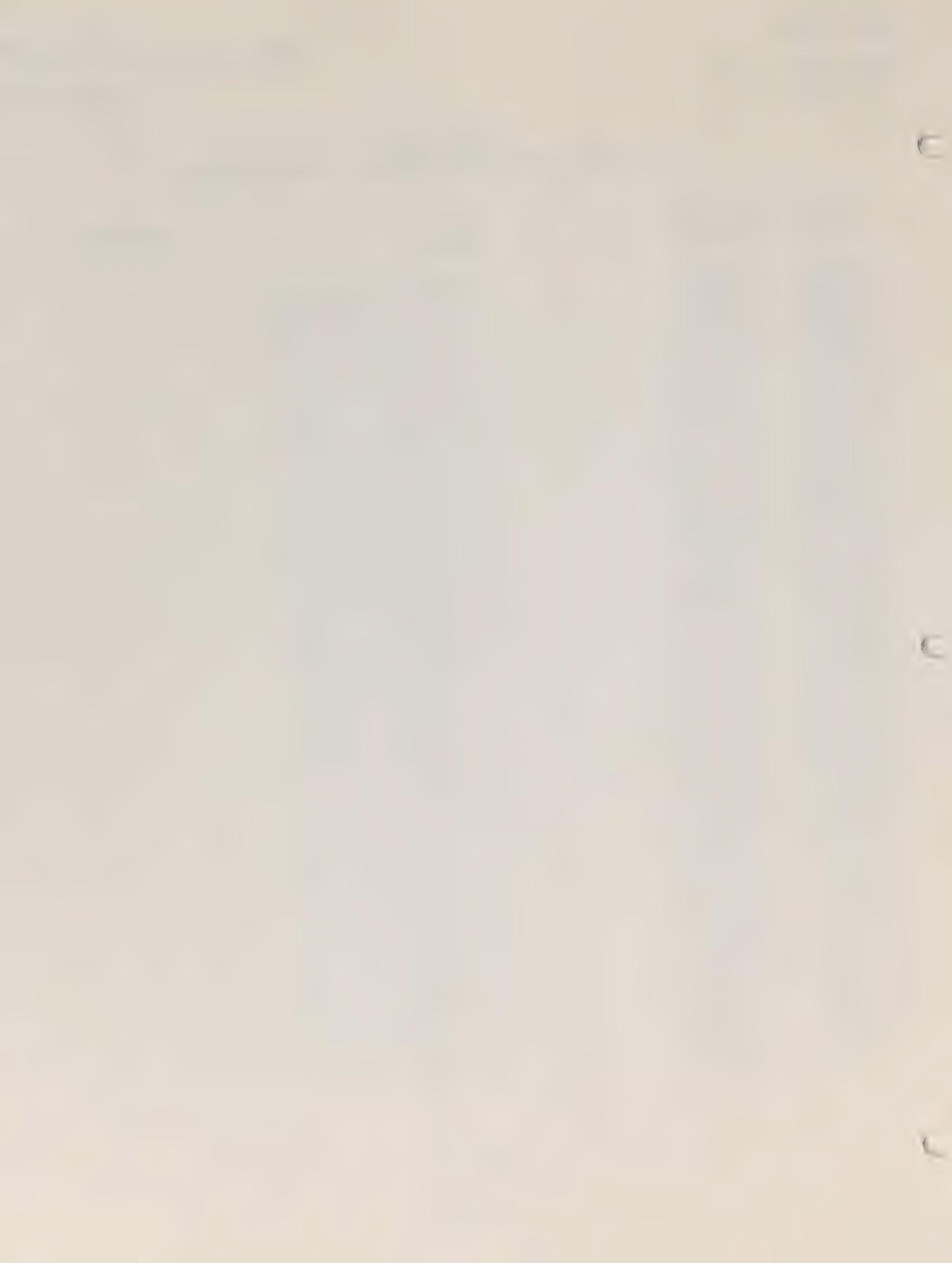
DATE OF JOB  
JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER  
42 MPT-B

DATE OF RUN

SPPERK-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
36.000	454.740	17 35	FEB 01, 1975	
36.033	454.740	17 37	FEB 01, 1975	
36.066	454.740	17 39	FEB 01, 1975	
36.100	454.740	17 41	FEB 01, 1975	
36.133	454.740	17 43	FEB 01, 1975	
36.166	454.752	17 45	FEB 01, 1975	
36.200	454.752	17 47	FEB 01, 1975	
36.233	454.752	17 49	FEB 01, 1975	
36.266	454.740	17 51	FEB 01, 1975	
36.300	454.740	17 53	FEB 01, 1975	
36.333	454.752	17 55	FEB 01, 1975	
36.366	454.752	17 57	FEB 01, 1975	
36.400	454.740	17 59	FEB 01, 1975	
36.433	454.740	18 01	FEB 01, 1975	
36.466	454.740	18 03	FEB 01, 1975	
36.500	454.740	18 05	FEB 01, 1975	
36.533	454.740	18 07	FEB 01, 1975	
36.566	454.752	18 09	FEB 01, 1975	
36.600	454.752	18 11	FEB 01, 1975	
36.633	454.752	18 13	FEB 01, 1975	
36.666	454.752	18 15	FEB 01, 1975	
36.700	454.763	18 17	FEB 01, 1975	
36.733	454.763	18 19	FEB 01, 1975	
36.766	454.752	18 21	FEB 01, 1975	
36.800	454.763	18 23	FEB 01, 1975	
36.833	454.763	18 25	FEB 01, 1975	
36.866	454.763	18 27	FEB 01, 1975	
36.900	454.763	18 29	FEB 01, 1975	
36.933	454.763	18 31	FEB 01, 1975	
36.966	454.763	18 33	FEB 01, 1975	
37.000	454.775	18 35	FEB 01, 1975	
37.033	454.775	18 37	FEB 01, 1975	
37.066	454.775	18 39	FEB 01, 1975	
37.100	454.775	18 41	FEB 01, 1975	
37.133	454.775	18 43	FEB 01, 1975	
37.166	454.775	18 45	FEB 01, 1975	
37.200	454.775	18 47	FEB 01, 1975	
37.233	454.787	18 49	FEB 01, 1975	
37.266	454.798	18 51	FEB 01, 1975	
37.300	454.798	18 53	FEB 01, 1975	



JOB NUMBER  
SPG-11228-7

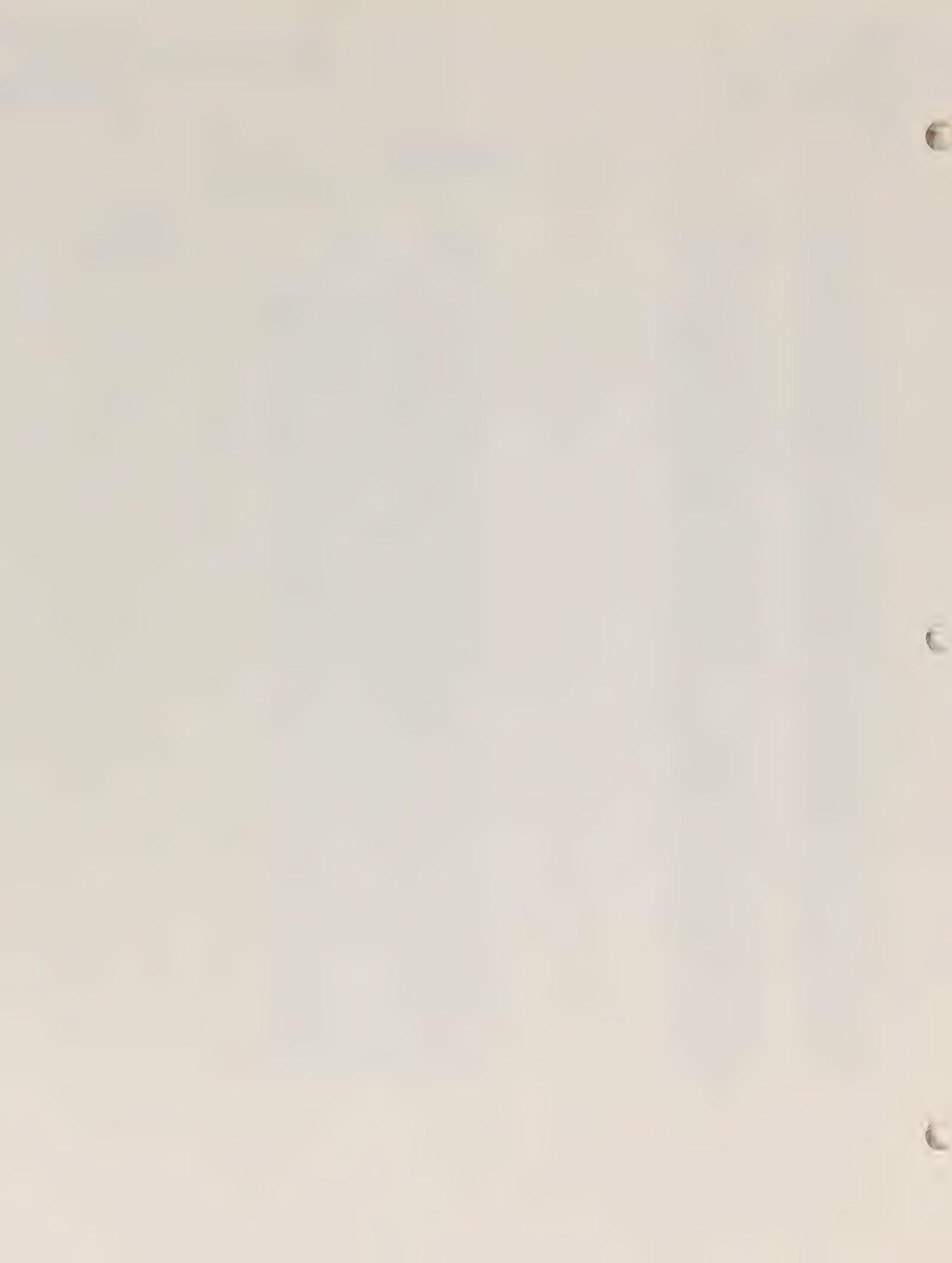
DATE OF JOB  
ANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER  
42 MPT-B

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
37.333	454.798	18 55	FEB 01, 1975	
37.366	454.821	18 57	FEB 01, 1975	
37.400	454.821	18 59	FEB 01, 1975	
37.433	454.821	19 01	FEB 01, 1975	
37.466	454.821	19 03	FEB 01, 1975	
37.500	454.821	19 05	FEB 01, 1975	
37.533	454.821	19 07	FEB 01, 1975	
37.566	454.821	19 09	FEB 01, 1975	
37.600	454.821	19 11	FEB 01, 1975	
37.633	454.821	19 13	FEB 01, 1975	
37.666	454.821	19 15	FEB 01, 1975	
37.700	454.821	19 17	FEB 01, 1975	
37.733	454.821	19 19	FEB 01, 1975	
37.766	454.821	19 21	FEB 01, 1975	
37.800	454.821	19 23	FEB 01, 1975	
37.833	454.821	19 25	FEB 01, 1975	
37.866	454.821	19 27	FEB 01, 1975	
37.900	454.821	19 29	FEB 01, 1975	
37.933	454.821	19 31	FEB 01, 1975	
37.966	454.821	19 33	FEB 01, 1975	
38.000	454.821	19 35	FEB 01, 1975	
38.033	454.821	19 37	FEB 01, 1975	
38.066	454.821	19 39	FEB 01, 1975	
38.100	454.821	19 41	FEB 01, 1975	
38.133	454.821	19 43	FEB 01, 1975	
38.166	454.833	19 45	FEB 01, 1975	
38.200	454.833	19 47	FEB 01, 1975	
38.233	454.844	19 49	FEB 01, 1975	
38.266	454.833	19 51	FEB 01, 1975	
38.300	454.844	19 53	FEB 01, 1975	
38.333	454.844	19 55	FEB 01, 1975	
38.366	454.833	19 57	FEB 01, 1975	
38.400	454.844	19 59	FEB 01, 1975	
38.433	454.844	20 01	FEB 01, 1975	
38.466	454.844	20 03	FEB 01, 1975	
38.500	454.844	20 05	FEB 01, 1975	
38.533	454.844	20 07	FEB 01, 1975	
38.566	454.810	20 09	FEB 01, 1975	
38.600	454.833	20 11	FEB 01, 1975	
38.633	454.844	20 13	FEB 01, 1975	



JOB NUMBER  
SPG-11228-7

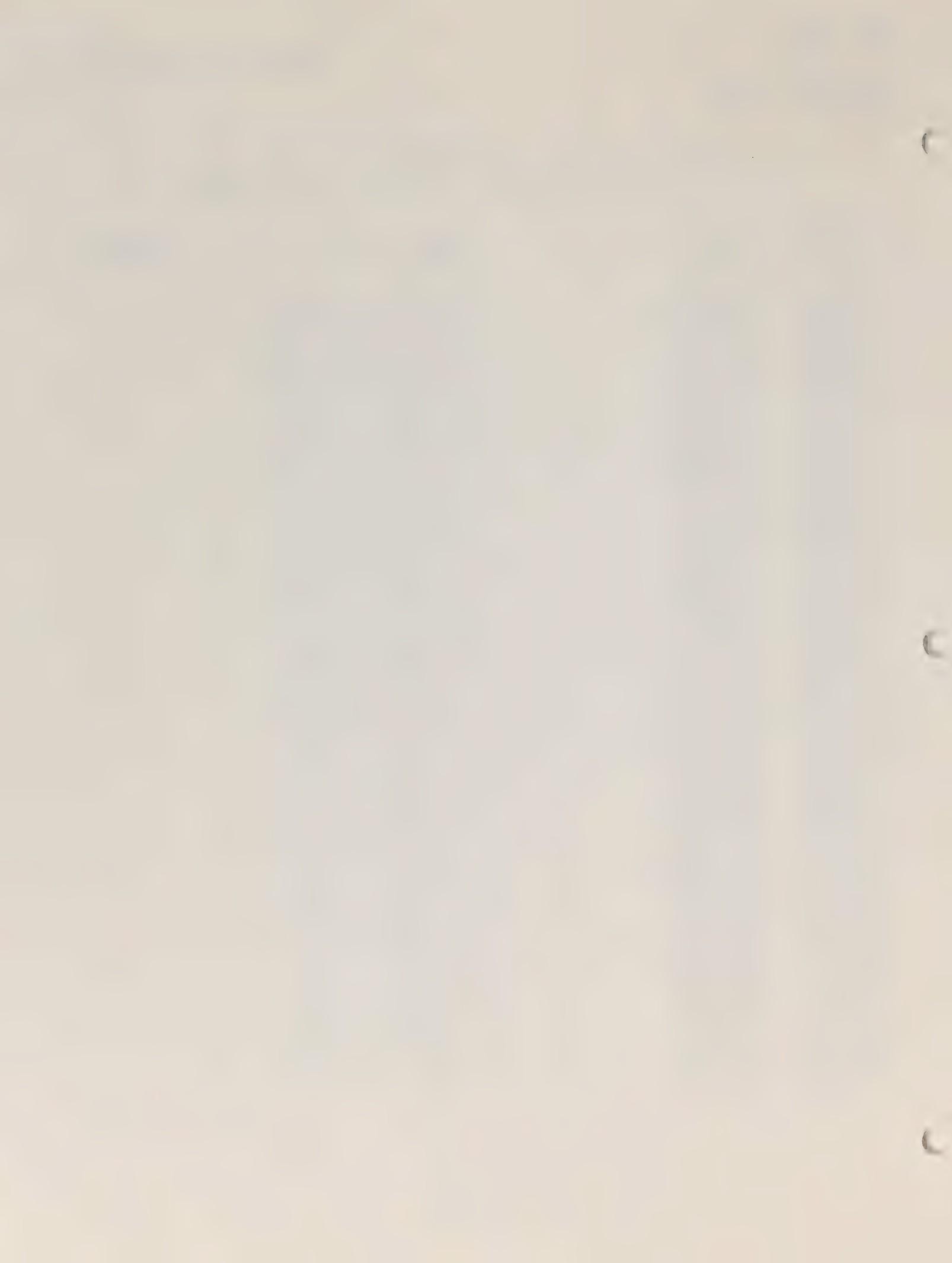
DATE OF JOB  
ANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER  
42 MPT-8

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PST)	TIME HR MIN	DATE	COMMENTS
38.666	454.844	20 15	FEB 01, 1975	
38.700	454.798	20 17	FEB 01, 1975	
38.733	454.856	20 19	FEB 01, 1975	
38.766	454.856	20 21	FEB 01, 1975	
38.800	454.856	20 23	FEB 01, 1975	
38.833	454.856	20 25	FEB 01, 1975	
38.866	454.844	20 27	FEB 01, 1975	
38.900	454.867	20 29	FEB 01, 1975	
38.933	454.867	20 31	FEB 01, 1975	
38.966	454.867	20 33	FEB 01, 1975	
39.000	454.867	20 35	FEB 01, 1975	
39.033	454.867	20 37	FEB 01, 1975	
39.066	454.867	20 39	FEB 01, 1975	
39.100	454.867	20 41	FEB 01, 1975	
39.133	454.867	20 43	FEB 01, 1975	
39.166	454.867	20 45	FEB 01, 1975	
39.200	454.867	20 47	FEB 01, 1975	
39.233	454.867	20 49	FEB 01, 1975	
39.266	454.902	20 51	FEB 01, 1975	
39.300	454.902	20 53	FEB 01, 1975	
39.333	454.902	20 55	FEB 01, 1975	
39.366	454.900	20 57	FEB 01, 1975	
39.400	454.902	20 59	FEB 01, 1975	
39.433	454.902	21 01	FEB 01, 1975	
39.466	454.890	21 03	FEB 01, 1975	
39.500	454.902	21 05	FEB 01, 1975	
39.533	454.890	21 07	FEB 01, 1975	
39.566	454.890	21 09	FEB 01, 1975	
39.600	454.890	21 11	FEB 01, 1975	
39.633	454.902	21 13	FEB 01, 1975	
39.666	454.902	21 15	FEB 01, 1975	
39.700	454.902	21 17	FEB 01, 1975	
39.733	454.902	21 19	FEB 01, 1975	
39.766	454.902	21 21	FEB 01, 1975	
39.800	454.902	21 23	FEB 01, 1975	
39.833	454.902	21 25	FEB 01, 1975	
39.866	454.902	21 27	FEB 01, 1975	
39.900	454.890	21 29	FEB 01, 1975	
39.933	454.902	21 31	FEB 01, 1975	
39.966	454.902	21 33	FEB 01, 1975	



JOB NUMBER  
SPG-11228-7

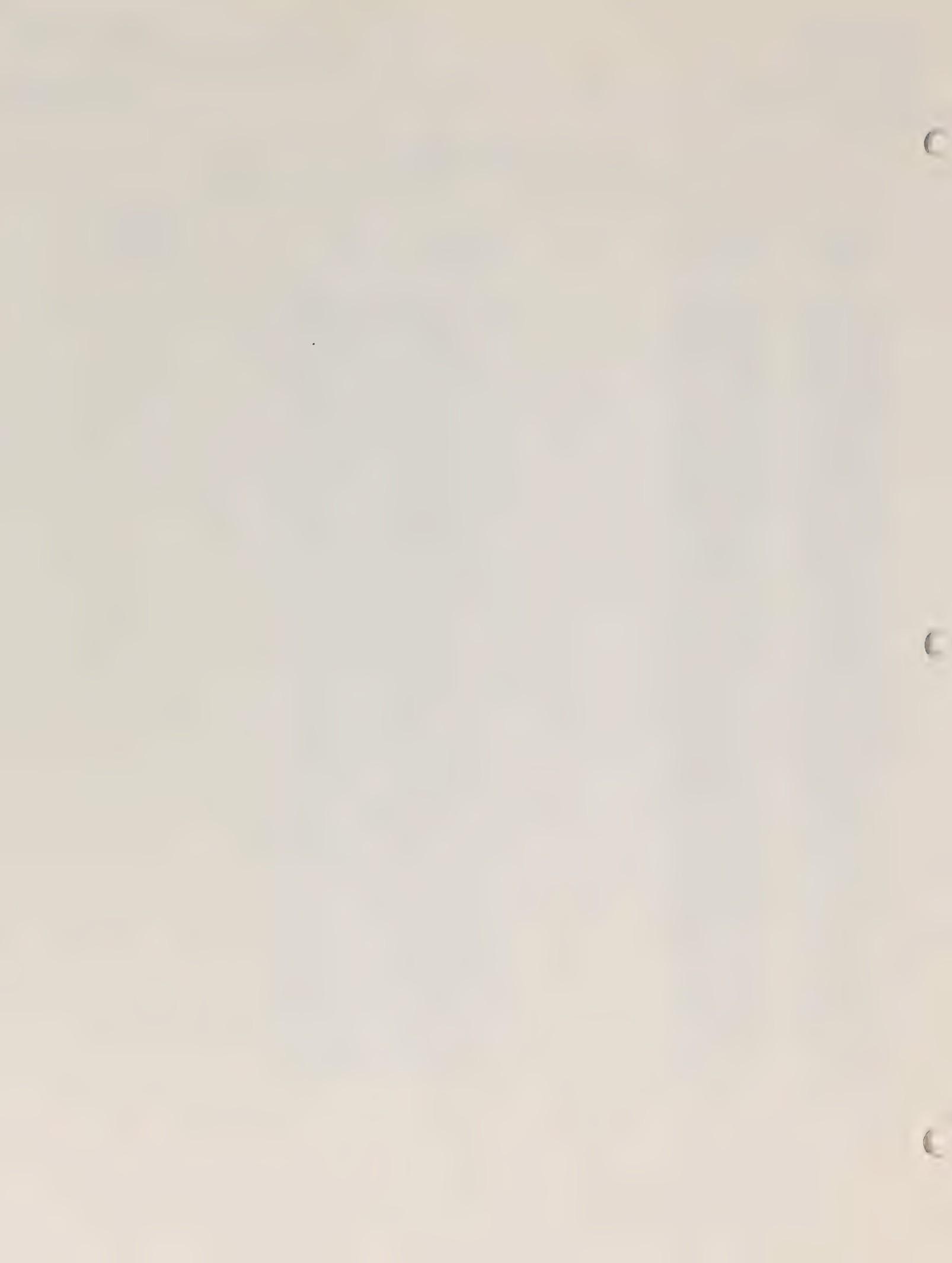
DATE OF JOB  
JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER  
42 MPT-B

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
40.000	454.902	21 35	FEB 01, 1975	
40.033	454.914	21 37	FEB 01, 1975	
40.066	454.914	21 39	FEB 01, 1975	
40.100	454.914	21 41	FEB 01, 1975	
40.133	454.914	21 43	FEB 01, 1975	
40.166	454.914	21 45	FEB 01, 1975	
40.200	454.914	21 47	FEB 01, 1975	
40.233	454.914	21 49	FEB 01, 1975	
40.266	454.914	21 51	FEB 01, 1975	
40.300	454.925	21 53	FEB 01, 1975	
40.333	454.925	21 55	FEB 01, 1975	
40.366	454.925	21 57	FEB 01, 1975	
40.400	454.925	21 59	FEB 01, 1975	
40.433	454.925	22 01	FEB 01, 1975	
40.466	454.937	22 03	FEB 01, 1975	
40.500	454.937	22 05	FEB 01, 1975	
40.533	454.925	22 07	FEB 01, 1975	
40.566	454.925	22 09	FEB 01, 1975	
40.600	454.948	22 11	FEB 01, 1975	
40.633	454.937	22 13	FEB 01, 1975	
40.666	454.937	22 15	FEB 01, 1975	
40.700	454.937	22 17	FEB 01, 1975	
40.733	454.937	22 19	FEB 01, 1975	
40.766	454.937	22 21	FEB 01, 1975	
40.800	454.925	22 23	FEB 01, 1975	
40.833	454.948	22 25	FEB 01, 1975	
40.866	454.948	22 27	FEB 01, 1975	
40.900	454.948	22 29	FEB 01, 1975	
40.933	454.948	22 31	FEB 01, 1975	
40.966	454.937	22 33	FEB 01, 1975	
41.000	454.960	22 35	FEB 01, 1975	
41.033	454.948	22 37	FEB 01, 1975	
41.066	454.948	22 39	FEB 01, 1975	
41.100	454.948	22 41	FEB 01, 1975	
41.133	454.948	22 43	FEB 01, 1975	
41.166	454.948	22 45	FEB 01, 1975	
41.200	454.948	22 47	FEB 01, 1975	
41.233	454.960	22 49	FEB 01, 1975	
41.266	454.948	22 51	FEB 01, 1975	
41.300	454.948	22 53	FEB 01, 1975	



JOB NUMBER  
SPG-11228-7

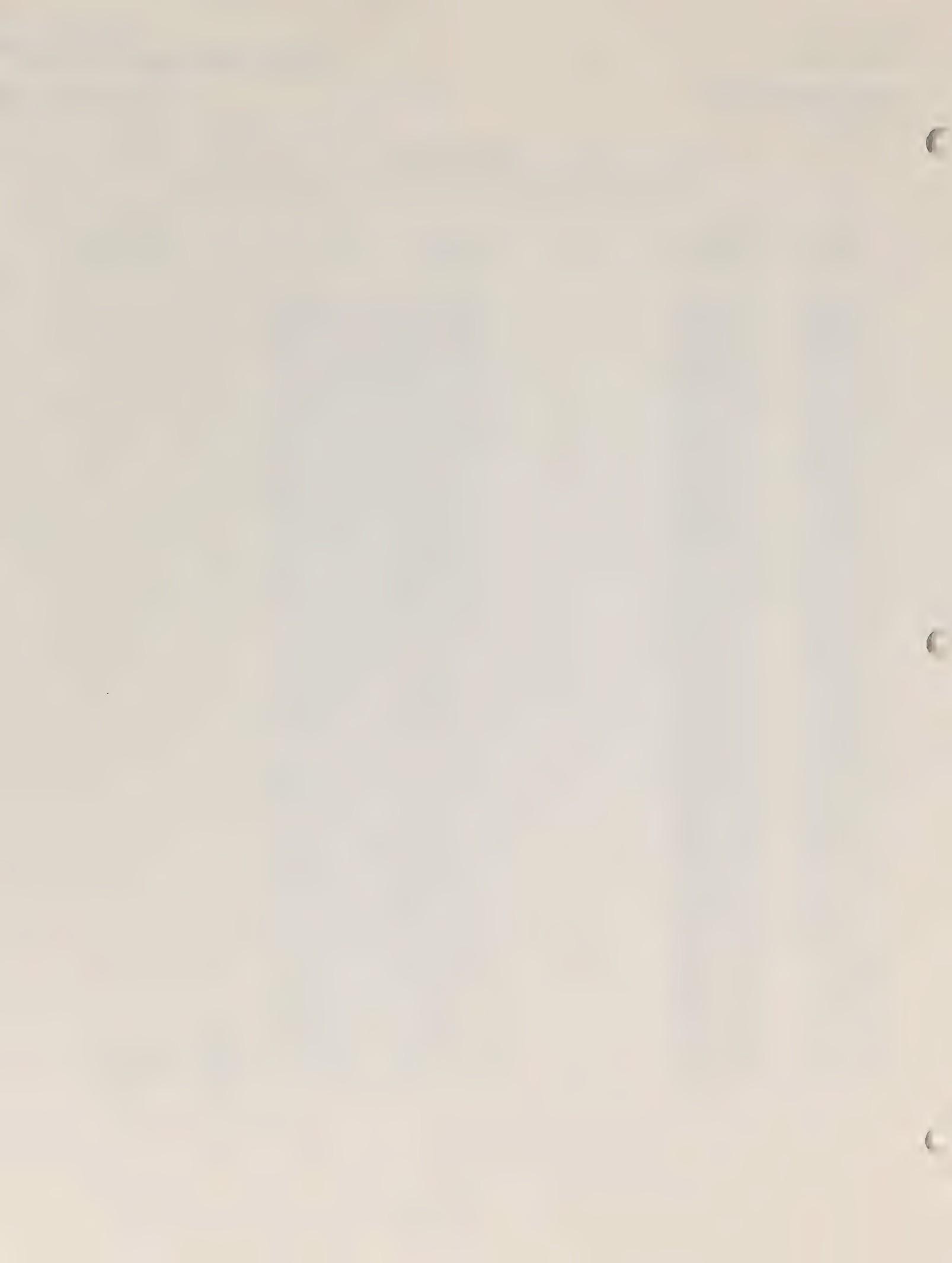
DATE OF JOB  
ANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER  
42 MPT-B

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
41.333	454.948	22 55	FEB 01, 1975	
41.366	454.971	22 57	FEB 01, 1975	
41.400	454.960	22 59	FEB 01, 1975	
41.433	454.960	23 01	FEB 01, 1975	
41.466	454.960	23 03	FEB 01, 1975	
41.500	454.971	23 05	FEB 01, 1975	
41.533	454.971	23 07	FEB 01, 1975	
41.566	454.971	23 09	FEB 01, 1975	
41.600	454.971	23 11	FEB 01, 1975	
41.633	454.971	23 13	FEB 01, 1975	
41.666	454.971	23 15	FEB 01, 1975	
41.700	454.971	23 17	FEB 01, 1975	
41.733	454.971	23 19	FEB 01, 1975	
41.766	454.971	23 21	FEB 01, 1975	
41.800	454.937	23 23	FEB 01, 1975	
41.833	454.960	23 25	FEB 01, 1975	
41.866	454.960	23 27	FEB 01, 1975	
41.900	454.971	23 29	FEB 01, 1975	
41.933	454.971	23 31	FEB 01, 1975	
41.966	454.971	23 33	FEB 01, 1975	
42.000	454.971	23 35	FEB 01, 1975	
42.033	454.971	23 37	FEB 01, 1975	
42.066	454.971	23 39	FEB 01, 1975	
42.100	454.971	23 41	FEB 01, 1975	
42.133	454.983	23 43	FEB 01, 1975	
42.166	454.994	23 45	FEB 01, 1975	
42.200	454.994	23 47	FEB 01, 1975	
42.233	454.994	23 49	FEB 01, 1975	
42.266	454.994	23 51	FEB 01, 1975	
42.300	454.994	23 53	FEB 01, 1975	
42.333	454.994	23 55	FEB 01, 1975	
42.366	455.006	23 57	FEB 01, 1975	
42.400	454.994	23 59	FEB 01, 1975	
42.433	455.006	00 01	FEB 02, 1975	
42.466	455.006	00 03	FEB 02, 1975	
42.500	455.006	00 05	FEB 02, 1975	
42.533	455.006	00 07	FEB 02, 1975	
42.566	455.006	00 09	FEB 02, 1975	
42.600	455.006	00 11	FEB 02, 1975	
42.633	455.006	00 13	FEB 02, 1975	LAST NULL ON CHART AT THE TIME OF 0015



JOB NUMBER  
SPG-11228-7

DATE OF JOB  
JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER  
42 MPT-8

DATE OF RUN

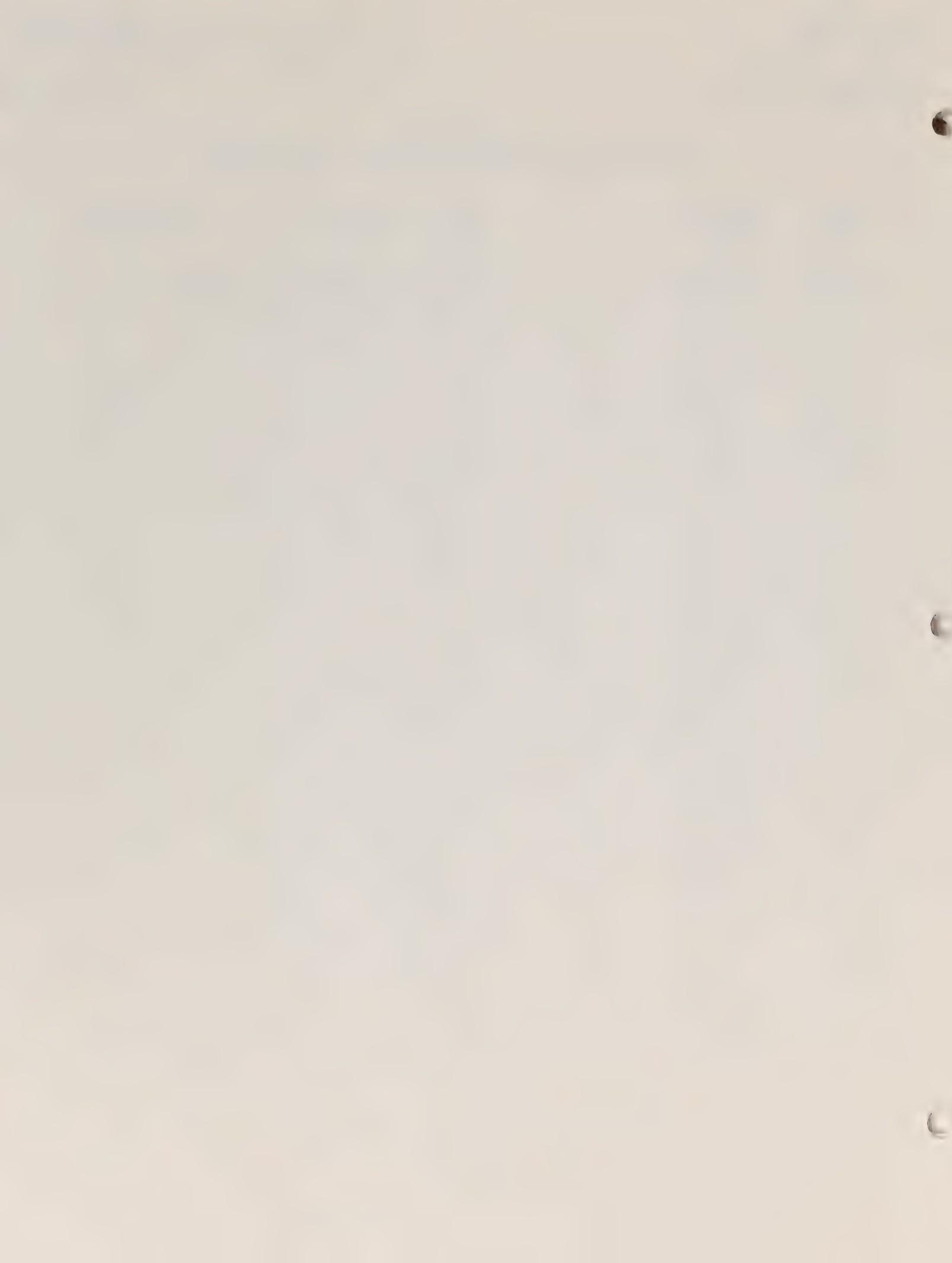
SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
42.666	455.006	00 15	FEB 02, 1975	2-2-75

1281 POINTS REPORTED THIS RUN

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JOB NUMBER  
SPG-11228-7  
MPT # 8

DATE OF JOB  
JANUARY 31-FEBRUARY 2, 1975

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT  
PREPARED FOR  
ATLANTIC RICHFIELD COMPANY

WELL NUMBER SG-1  
FIELD/LEASE SORGHUM GULCH  
COUNTY/PARISH KEN BLANCO  
STATE COLORADO  
TYPE OF TEST MPT  
REFERENCE ELEV GROUND LEVEL

ADDITIONAL INFORMATION

GAUGE NO 145 WITH 500 PSI ELEMENT Middle Gauge

GAUGE DEPTH 1132 FEET

ZONE FOR GAUGE NO 145 1123 FT-1168 FT.

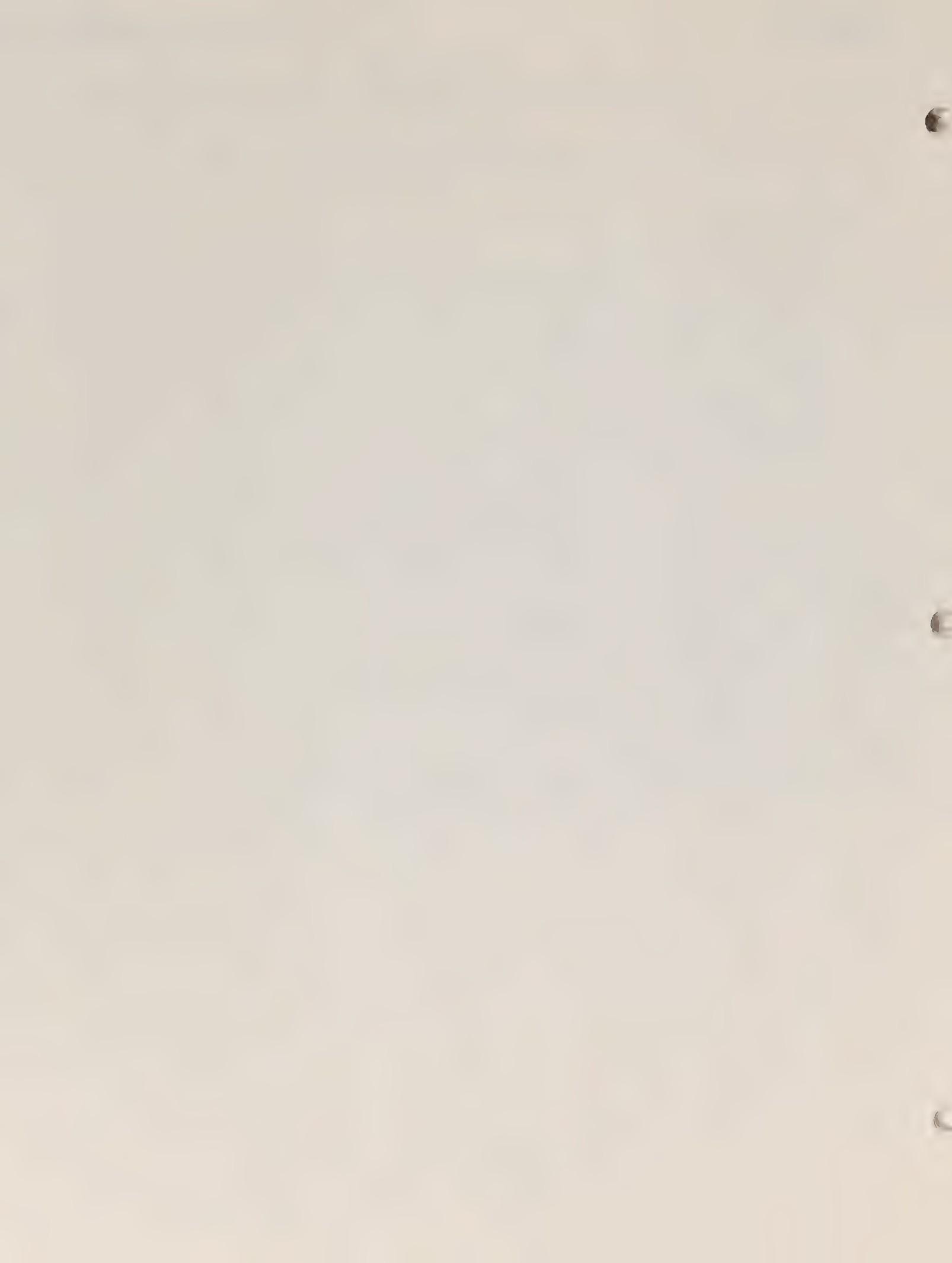
INITIAL HYDROSTATIC 455.325 PSI

LAST NULL ON CHART 462.126 PSI

GROUND ELEVATION 6428 FEET

PACKER DEPTHS THIS TEST 1123 FT. AND 1188 FT 10E2522 FT

1259 FEET REPORTED TEST DEPTH



JOB NUMBER  
SPG-11228-7

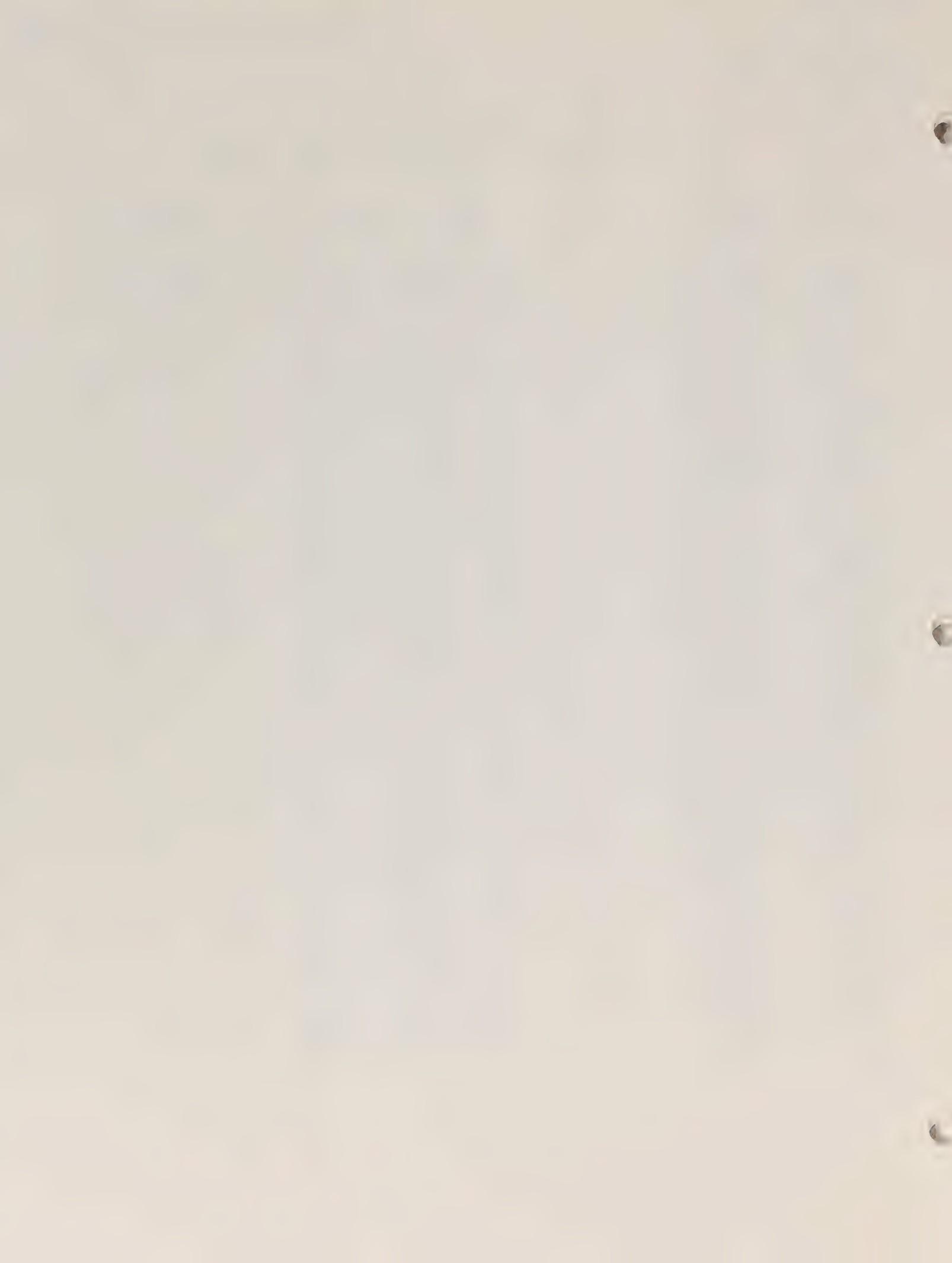
DATE OF JOB  
JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER  
125 MPT-R

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME	DATE	COMMENTS
		HR MIN		
0.000	456.079	05 35	JAN 31, 1975	SET PACKERS
0.034	461.211	05 37	JAN 31, 1975	
0.068	461.176	05 39	JAN 31, 1975	
0.101	461.396	05 41	JAN 31, 1975	
0.135	461.431	05 43	JAN 31, 1975	
0.169	461.431	05 45	JAN 31, 1975	
0.203	461.443	05 47	JAN 31, 1975	
0.237	461.443	05 49	JAN 31, 1975	
0.271	461.443	05 51	JAN 31, 1975	
0.304	461.431	05 53	JAN 31, 1975	
0.338	461.443	05 55	JAN 31, 1975	
0.372	461.443	05 57	JAN 31, 1975	
0.406	461.454	05 59	JAN 31, 1975	
0.440	461.443	06 01	JAN 31, 1975	
0.473	461.443	06 03	JAN 31, 1975	
0.507	463.040	06 05	JAN 31, 1975	TESTING PACKER
0.541	465.726	06 07	JAN 31, 1975	
0.575	468.174	06 09	JAN 31, 1975	
0.609	470.410	06 12	JAN 31, 1975	START JETTING
0.642	468.985	06 14	JAN 31, 1975	
0.676	466.633	06 16	JAN 31, 1975	
0.710	465.950	06 18	JAN 31, 1975	
0.744	465.463	06 20	JAN 31, 1975	
0.778	465.104	06 22	JAN 31, 1975	
0.812	464.654	06 24	JAN 31, 1975	
0.845	464.536	06 26	JAN 31, 1975	
0.879	464.015	06 28	JAN 31, 1975	
0.913	463.551	06 30	JAN 31, 1975	
0.947	463.159	06 32	JAN 31, 1975	
0.981	462.645	06 34	JAN 31, 1975	
1.014	462.567	06 36	JAN 31, 1975	
1.048	462.323	06 38	JAN 31, 1975	
1.082	462.103	06 40	JAN 31, 1975	
1.116	461.383	06 42	JAN 31, 1975	
1.150	461.653	06 44	JAN 31, 1975	
1.184	461.444	06 46	JAN 31, 1975	
1.217	461.338	06 48	JAN 31, 1975	
1.251	461.176	06 50	JAN 31, 1975	
1.285	461.037	06 52	JAN 31, 1975	
1.319	460.910	06 54	JAN 31, 1975	



JOB NUMBER  
SPG-11228-7

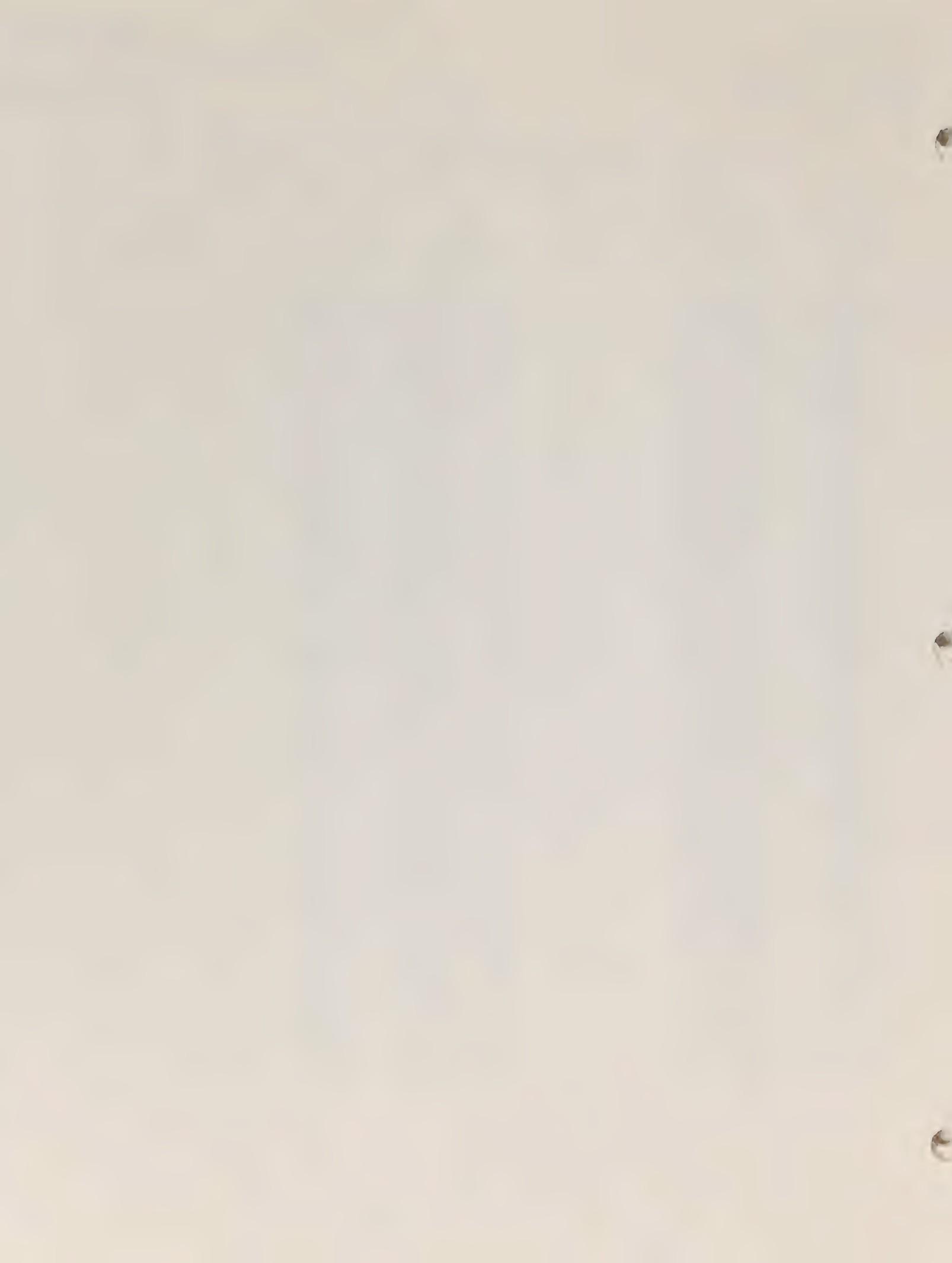
DATE OF JOB  
JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER  
145 MPT-B

DATE OF RUN

SPEERY-SIN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
1.353	460.771	06 56	JAN 31, 1975	
1.386	460.678	06 58	JAN 31, 1975	
1.420	460.574	07 00	JAN 31, 1975	
1.454	460.446	07 02	JAN 31, 1975	
1.488	460.365	07 04	JAN 31, 1975	
1.522	460.273	07 06	JAN 31, 1975	
1.555	460.180	07 08	JAN 31, 1975	
1.589	460.064	07 10	JAN 31, 1975	
1.623	459.995	07 12	JAN 31, 1975	
1.657	459.913	07 14	JAN 31, 1975	
1.691	459.844	07 16	JAN 31, 1975	
1.725	459.751	07 18	JAN 31, 1975	
1.758	459.693	07 21	JAN 31, 1975	
1.792	459.612	07 23	JAN 31, 1975	
1.826	459.531	07 25	JAN 31, 1975	
1.860	459.452	07 27	JAN 31, 1975	
1.894	459.380	07 29	JAN 31, 1975	
1.927	459.323	07 31	JAN 31, 1975	
1.961	459.238	07 33	JAN 31, 1975	
1.995	459.230	07 35	JAN 31, 1975	
2.029	459.149	07 37	JAN 31, 1975	
2.063	459.091	07 39	JAN 31, 1975	
2.097	459.033	07 41	JAN 31, 1975	
2.130	458.975	07 43	JAN 31, 1975	
2.164	458.940	07 45	JAN 31, 1975	
2.198	458.871	07 47	JAN 31, 1975	
2.232	458.824	07 49	JAN 31, 1975	
2.265	458.778	07 51	JAN 31, 1975	
2.299	458.743	07 53	JAN 31, 1975	
2.333	458.685	07 55	JAN 31, 1975	
2.367	458.639	07 57	JAN 31, 1975	
2.401	458.593	07 59	JAN 31, 1975	
2.435	458.546	08 01	JAN 31, 1975	
2.468	458.500	08 03	JAN 31, 1975	
2.502	458.477	08 05	JAN 31, 1975	
2.536	458.430	08 07	JAN 31, 1975	
2.570	458.395	08 09	JAN 31, 1975	
2.604	458.349	08 11	JAN 31, 1975	
2.638	458.326	08 13	JAN 31, 1975	
2.671	458.303	08 15	JAN 31, 1975	



JOB NUMBER  
SPG-11220-7

DATE OF JOB  
JANUARY 31-FEBRUARY 2, 1975

GAUGE/RPT. NUMBER  
145 MPT-A

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME	DATE	COMMENTS
		HR MIN		
2.705	458.268	08	17 JAN 31, 1975	
2.739	458.257	08	19 JAN 31, 1975	
2.773	458.222	08	21 JAN 31, 1975	
2.807	458.187	08	23 JAN 31, 1975	
2.840	458.164	08	25 JAN 31, 1975	
2.874	458.129	08	27 JAN 31, 1975	
2.908	458.118	08	29 JAN 31, 1975	
2.942	458.083	08	32 JAN 31, 1975	
2.976	458.060	08	34 JAN 31, 1975	
3.010	458.025	08	36 JAN 31, 1975	
3.043	458.002	08	38 JAN 31, 1975	
3.077	457.979	08	40 JAN 31, 1975	
3.111	457.944	08	42 JAN 31, 1975	
3.145	457.919	08	44 JAN 31, 1975	
3.179	457.897	08	46 JAN 31, 1975	
3.212	457.886	08	48 JAN 31, 1975	
3.246	457.840	08	50 JAN 31, 1975	
3.280	457.816	08	52 JAN 31, 1975	
3.314	457.805	09	54 JAN 31, 1975	
3.348	457.770	08	56 JAN 31, 1975	
3.382	457.747	08	58 JAN 31, 1975	
3.415	457.735	09	00 JAN 31, 1975	
3.449	457.712	09	02 JAN 31, 1975	
3.483	457.677	09	04 JAN 31, 1975	
3.517	457.666	09	06 JAN 31, 1975	
3.551	457.631	09	08 JAN 31, 1975	
3.584	457.596	09	10 JAN 31, 1975	
3.618	457.585	09	12 JAN 31, 1975	
3.652	457.561	09	14 JAN 31, 1975	
3.686	457.538	09	16 JAN 31, 1975	
3.720	457.527	09	18 JAN 31, 1975	
3.753	457.504	09	20 JAN 31, 1975	
3.787	457.489	09	22 JAN 31, 1975	
3.821	457.466	09	24 JAN 31, 1975	
3.855	457.444	09	26 JAN 31, 1975	
3.889	457.422	09	28 JAN 31, 1975	
3.923	457.399	09	30 JAN 31, 1975	
3.956	457.376	09	32 JAN 31, 1975	
3.990	457.353	09	34 JAN 31, 1975	
4.024	457.333	09	36 JAN 31, 1975	



JOB NUMBER  
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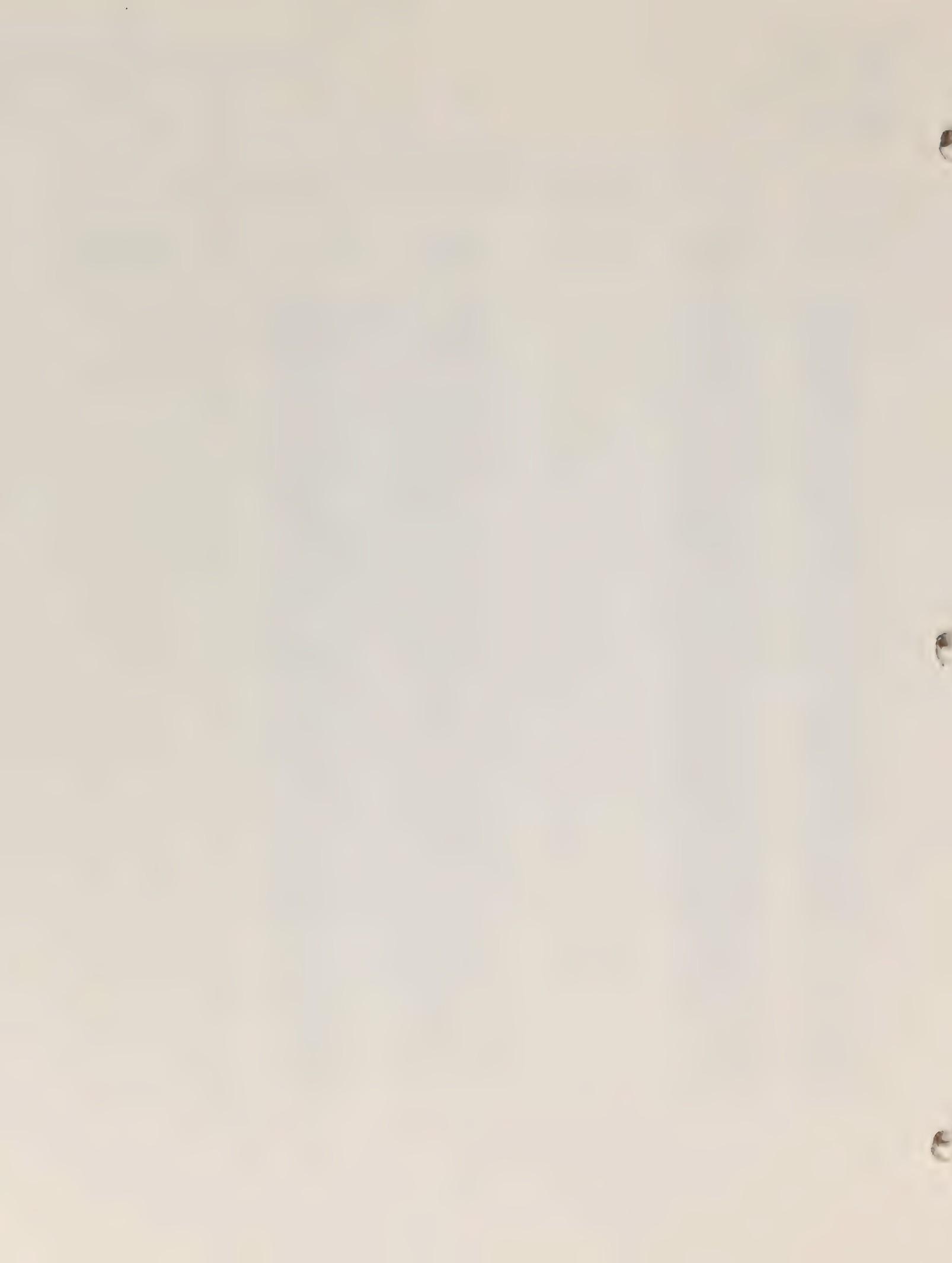
DATE OF JOB  
JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER  
145 MPT-5

DATE OF RUN

SPEECH-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME	DATE	COMMENTS
		HR MIN		
4.058	457.313	09 38	JAN 31, 1975	
4.092	457.307	09 40	JAN 31, 1975	
4.125	457.293	09 43	JAN 31, 1975	
4.159	457.272	09 45	JAN 31, 1975	
4.193	457.237	09 47	JAN 31, 1975	
4.227	457.237	09 49	JAN 31, 1975	
4.261	457.237	09 51	JAN 31, 1975	
4.295	457.202	09 53	JAN 31, 1975	
4.328	457.202	09 55	JAN 31, 1975	
4.362	457.168	09 57	JAN 31, 1975	
4.396	457.156	09 59	JAN 31, 1975	
4.430	457.133	10 01	JAN 31, 1975	
4.464	457.121	10 03	JAN 31, 1975	
4.497	457.110	10 05	JAN 31, 1975	
4.531	457.098	10 07	JAN 31, 1975	
4.565	457.076	10 09	JAN 31, 1975	
4.599	457.063	10 11	JAN 31, 1975	
4.633	457.040	10 13	JAN 31, 1975	
4.666	457.029	10 15	JAN 31, 1975	
4.700	457.029	10 17	JAN 31, 1975	
4.734	457.005	10 19	JAN 31, 1975	
4.768	456.974	10 21	JAN 31, 1975	
4.802	456.974	10 23	JAN 31, 1975	
4.836	456.971	10 25	JAN 31, 1975	
4.869	456.959	10 27	JAN 31, 1975	
4.903	456.924	10 29	JAN 31, 1975	
4.937	456.913	10 31	JAN 31, 1975	
4.971	456.901	10 33	JAN 31, 1975	
5.005	456.878	10 35	JAN 31, 1975	
5.039	456.866	10 37	JAN 31, 1975	
5.072	456.832	10 39	JAN 31, 1975	
5.106	456.832	10 41	JAN 31, 1975	
5.140	456.808	10 43	JAN 31, 1975	
5.174	456.836	10 45	JAN 31, 1975	
5.208	456.774	10 47	JAN 31, 1975	
5.241	456.762	10 49	JAN 31, 1975	
5.275	456.752	10 52	JAN 31, 1975	
5.309	456.734	10 54	JAN 31, 1975	
5.343	456.734	10 56	JAN 31, 1975	
5.377	456.716	10 58	JAN 31, 1975	



JOB NUMBER  
SPG-11228-7

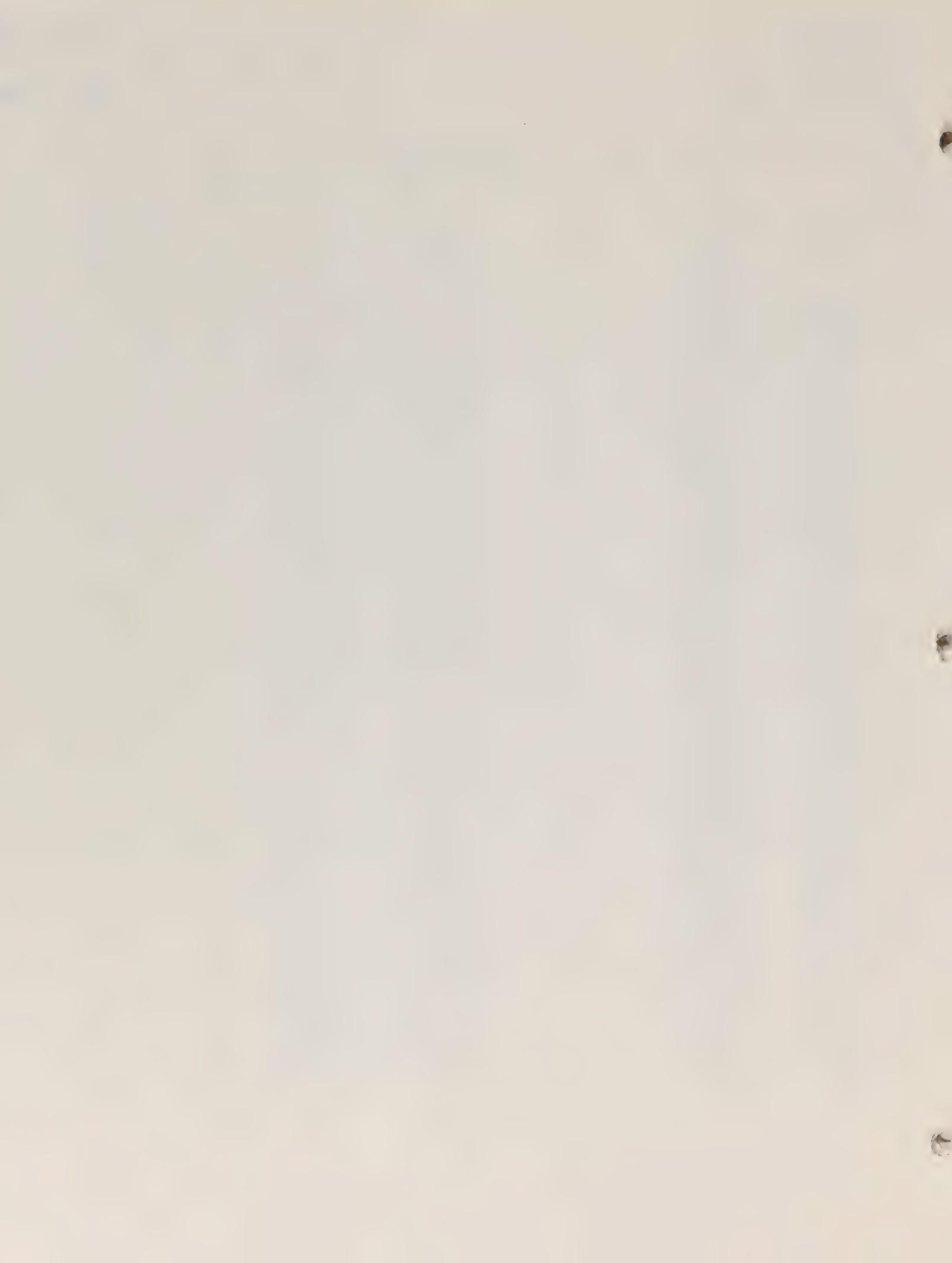
DATE OF JOB  
JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER  
145 MPT-A

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
5.410	456.693	11 00	JAN 31, 1975	
5.444	456.693	11 02	JAN 31, 1975	
5.478	456.693	11 04	JAN 31, 1975	
5.512	456.699	11 06	JAN 31, 1975	
5.546	456.686	11 08	JAN 31, 1975	
5.579	456.646	11 10	JAN 31, 1975	
5.613	456.636	11 12	JAN 31, 1975	
5.647	456.635	11 14	JAN 31, 1975	
5.681	456.623	11 16	JAN 31, 1975	
5.715	456.623	11 18	JAN 31, 1975	
5.749	456.611	11 20	JAN 31, 1975	
5.782	456.600	11 22	JAN 31, 1975	
5.816	456.565	11 24	JAN 31, 1975	
5.850	456.565	11 26	JAN 31, 1975	
5.884	456.554	11 28	JAN 31, 1975	
5.918	456.542	11 30	JAN 31, 1975	
5.951	456.530	11 32	JAN 31, 1975	
5.985	456.519	11 34	JAN 31, 1975	
6.019	456.507	11 36	JAN 31, 1975	
6.053	456.507	11 38	JAN 31, 1975	
6.087	456.496	11 40	JAN 31, 1975	
6.121	456.472	11 42	JAN 31, 1975	
6.154	456.472	11 44	JAN 31, 1975	
6.188	456.461	11 46	JAN 31, 1975	
6.222	456.436	11 48	JAN 31, 1975	
6.256	456.444	11 50	JAN 31, 1975	
6.290	456.426	11 52	JAN 31, 1975	
6.323	456.414	11 54	JAN 31, 1975	
6.357	456.391	11 56	JAN 31, 1975	
6.391	456.391	11 58	JAN 31, 1975	
6.425	456.360	12 00	JAN 31, 1975	
6.459	456.368	12 03	JAN 31, 1975	
6.492	456.357	12 05	JAN 31, 1975	
6.526	456.345	12 07	JAN 31, 1975	
6.560	456.345	12 09	JAN 31, 1975	
6.594	456.333	12 11	JAN 31, 1975	
6.628	456.322	12 13	JAN 31, 1975	
6.662	456.311	12 15	JAN 31, 1975	
6.695	456.299	12 17	JAN 31, 1975	
6.729	456.287	12 19	JAN 31, 1975	



JHR NUMBER  
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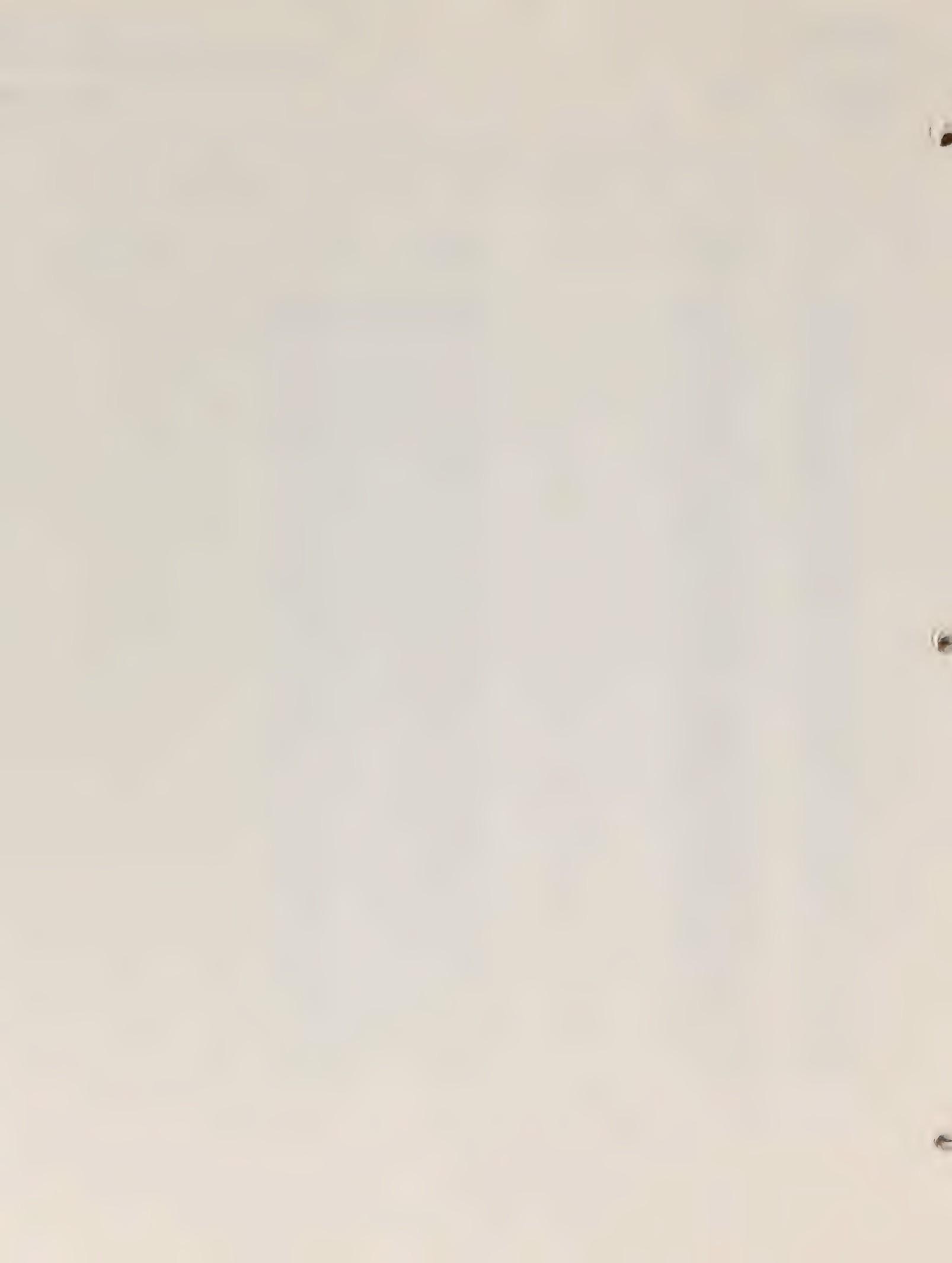
DATE OF JOB  
JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER  
145 MPT-3

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PST)	TIME HR MIN	DATE	COMMENTS
6.763	456.264	12 21	JAN 31, 1975	
6.797	456.252	12 23	JAN 31, 1975	
6.831	456.252	12 25	JAN 31, 1975	
6.864	456.241	12 27	JAN 31, 1975	
6.898	456.229	12 29	JAN 31, 1975	
6.932	456.218	12 31	JAN 31, 1975	
6.966	456.215	12 33	JAN 31, 1975	
7.000	456.218	12 35	JAN 31, 1975	
7.034	456.197	12 37	JAN 31, 1975	
7.067	456.183	12 39	JAN 31, 1975	
7.101	456.171	12 41	JAN 31, 1975	
7.135	456.171	12 43	JAN 31, 1975	
7.169	456.160	12 45	JAN 31, 1975	
7.203	456.143	12 47	JAN 31, 1975	
7.236	456.136	12 49	JAN 31, 1975	
7.270	456.125	12 51	JAN 31, 1975	
7.304	456.125	12 53	JAN 31, 1975	
7.338	456.125	12 55	JAN 31, 1975	
7.372	456.113	12 57	JAN 31, 1975	
7.405	456.093	12 59	JAN 31, 1975	
7.439	456.090	13 01	JAN 31, 1975	
7.473	456.090	13 03	JAN 31, 1975	
7.507	456.090	13 05	JAN 31, 1975	
7.541	456.079	13 07	JAN 31, 1975	
7.575	456.067	13 09	JAN 31, 1975	
7.608	456.055	13 12	JAN 31, 1975	
7.642	456.055	13 14	JAN 31, 1975	
7.676	456.032	13 16	JAN 31, 1975	
7.710	456.019	13 18	JAN 31, 1975	
7.744	456.021	13 20	JAN 31, 1975	
7.777	456.021	13 22	JAN 31, 1975	
7.811	456.009	13 24	JAN 31, 1975	
7.845	455.997	13 26	JAN 31, 1975	
7.879	455.986	13 28	JAN 31, 1975	
7.913	455.980	13 30	JAN 31, 1975	
7.947	455.976	13 32	JAN 31, 1975	
7.980	455.973	13 34	JAN 31, 1975	
8.014	455.973	13 36	JAN 31, 1975	
8.048	455.963	13 38	JAN 31, 1975	
8.082	455.951	13 40	JAN 31, 1975	



JOB NUMBER  
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DATE OF JOB  
JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER  
145 MPT-A

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELT A TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
8.116	455.939	13 42	JAN 31, 1975	
8.149	455.928	13 44	JAN 31, 1975	
8.183	455.928	13 46	JAN 31, 1975	
8.217	455.916	13 48	JAN 31, 1975	
8.251	455.905	13 50	JAN 31, 1975	
8.285	455.905	13 52	JAN 31, 1975	
8.318	455.905	13 54	JAN 31, 1975	
8.352	455.905	13 56	JAN 31, 1975	
8.386	455.882	13 58	JAN 31, 1975	
8.420	455.842	14 00	JAN 31, 1975	
8.454	455.842	14 02	JAN 31, 1975	
8.488	455.858	14 04	JAN 31, 1975	
8.521	455.858	14 06	JAN 31, 1975	
8.555	455.870	14 08	JAN 31, 1975	
8.589	455.847	14 10	JAN 31, 1975	
8.623	455.847	14 12	JAN 31, 1975	
8.657	455.835	14 14	JAN 31, 1975	
8.690	455.847	14 16	JAN 31, 1975	
8.724	455.824	14 18	JAN 31, 1975	
8.758	455.812	14 20	JAN 31, 1975	
8.792	455.824	14 23	JAN 31, 1975	
8.826	455.812	14 25	JAN 31, 1975	
8.860	455.812	14 27	JAN 31, 1975	
8.893	455.789	14 29	JAN 31, 1975	
8.927	455.777	14 31	JAN 31, 1975	
8.961	455.769	14 23	JAN 31, 1975	
8.995	455.789	14 35	JAN 31, 1975	
9.029	455.789	14 37	JAN 31, 1975	
9.062	455.769	14 39	JAN 31, 1975	
9.096	455.766	14 41	JAN 31, 1975	
9.130	455.766	14 43	JAN 31, 1975	
9.164	455.766	14 45	JAN 31, 1975	
9.198	455.766	14 47	JAN 31, 1975	
9.231	455.754	14 49	JAN 31, 1975	
9.265	455.743	14 51	JAN 31, 1975	
9.299	455.719	14 53	JAN 31, 1975	
9.333	455.719	14 55	JAN 31, 1975	
9.367	455.731	14 57	JAN 31, 1975	
9.401	455.719	14 59	JAN 31, 1975	
9.434	455.708	15 01	JAN 31, 1975	



JOB NUMBER  
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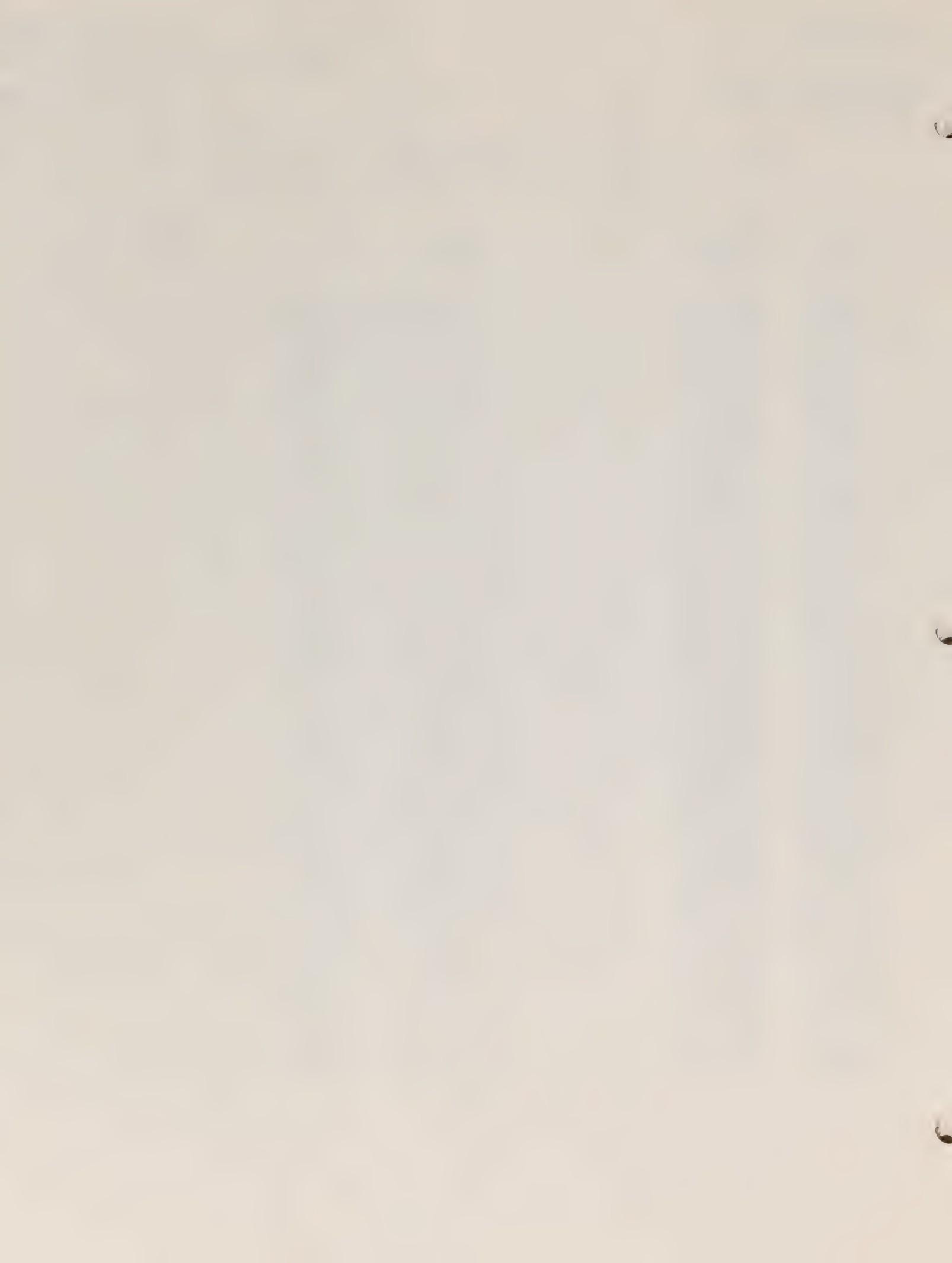
DATE OF JOB  
JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER  
145 MPT-3

DATE OF RUN

SPERRY-SIN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DEPTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
9.468	455.696	15 03	JAN 31, 1975	
9.502	455.685	15 05	JAN 31, 1975	
9.536	455.685	15 07	JAN 31, 1975	
9.570	455.673	15 09	JAN 31, 1975	
9.603	455.661	15 11	JAN 31, 1975	
9.637	455.661	15 13	JAN 31, 1975	
9.671	455.661	15 15	JAN 31, 1975	
9.705	455.661	15 17	JAN 31, 1975	
9.739	455.659	15 19	JAN 31, 1975	
9.773	455.627	15 21	JAN 31, 1975	
9.806	455.615	15 23	JAN 31, 1975	
9.840	455.615	15 25	JAN 31, 1975	
9.874	455.615	15 27	JAN 31, 1975	
9.908	455.615	15 29	JAN 31, 1975	
9.942	455.615	15 31	JAN 31, 1975	
9.975	455.604	15 34	JAN 31, 1975	
10.009	455.590	15 36	JAN 31, 1975	
10.043	455.530	15 38	JAN 31, 1975	
10.077	455.569	15 40	JAN 31, 1975	
10.111	455.569	15 42	JAN 31, 1975	
10.145	455.569	15 44	JAN 31, 1975	
10.178	455.546	15 46	JAN 31, 1975	
10.212	455.546	15 48	JAN 31, 1975	
10.246	455.557	15 50	JAN 31, 1975	
10.280	455.546	15 52	JAN 31, 1975	
10.314	455.534	15 54	JAN 31, 1975	
10.347	455.534	15 56	JAN 31, 1975	
10.381	455.534	15 58	JAN 31, 1975	
10.415	455.522	15 00	JAN 31, 1975	
10.449	455.522	15 02	JAN 31, 1975	
10.483	455.522	16 04	JAN 31, 1975	
10.516	455.511	16 06	JAN 31, 1975	
10.550	455.511	16 08	JAN 31, 1975	
10.584	455.499	16 10	JAN 31, 1975	
10.618	455.499	16 12	JAN 31, 1975	
10.652	455.499	16 14	JAN 31, 1975	
10.686	455.497	16 16	JAN 31, 1975	
10.710	455.479	16 18	JAN 31, 1975	
10.753	455.475	16 20	JAN 31, 1975	
10.787	455.470	16 22	JAN 31, 1975	



JOB NUMBER  
SPG-11228-7

DATE OF JOB  
JANUARY 31-FEBRUARY 26, 1975

GAUGE/RUN NUMBER  
145 HPT-6

DATE OF RUN

SPEERRY-SIN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
10.821	455.464	16 24	JAN 31, 1975	
10.855	455.455	16 26	JAN 31, 1975	
10.888	455.455	16 28	JAN 31, 1975	
10.922	455.430	16 30	JAN 31, 1975	
10.956	455.441	16 32	JAN 31, 1975	
10.990	455.441	16 34	JAN 31, 1975	
11.024	455.441	16 36	JAN 31, 1975	
11.058	455.441	16 38	JAN 31, 1975	
11.091	455.441	16 40	JAN 31, 1975	
11.125	455.430	16 43	JAN 31, 1975	
11.159	455.430	16 45	JAN 31, 1975	
11.193	455.418	16 47	JAN 31, 1975	
11.227	455.418	16 49	JAN 31, 1975	
11.260	455.407	16 51	JAN 31, 1975	
11.294	455.395	16 53	JAN 31, 1975	
11.328	455.375	16 55	JAN 31, 1975	
11.362	455.395	16 57	JAN 31, 1975	
11.396	455.395	16 59	JAN 31, 1975	
11.429	455.353	17 01	JAN 31, 1975	
11.463	455.343	17 03	JAN 31, 1975	
11.497	455.343	17 05	JAN 31, 1975	
11.531	455.372	17 07	JAN 31, 1975	
11.565	455.372	17 09	JAN 31, 1975	
11.599	455.373	17 11	JAN 31, 1975	
11.632	455.372	17 13	JAN 31, 1975	
11.666	455.372	17 15	JAN 31, 1975	
11.700	455.372	17 17	JAN 31, 1975	
11.734	455.372	17 19	JAN 31, 1975	
11.768	455.372	17 21	JAN 31, 1975	
11.801	455.337	17 23	JAN 31, 1975	
11.835	455.337	17 25	JAN 31, 1975	
11.869	455.349	17 27	JAN 31, 1975	
11.903	455.337	17 29	JAN 31, 1975	
11.937	455.337	17 31	JAN 31, 1975	
11.971	455.325	17 33	JAN 31, 1975	
12.004	455.325	17 35	JAN 31, 1975	
12.038	455.325	17 37	JAN 31, 1975	
12.072	455.302	17 39	JAN 31, 1975	
12.106	455.312	17 41	JAN 31, 1975	
12.140	455.302	17 43	JAN 31, 1975	

(

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JOB NUMBER  
SPG-11228-7

DATE OF JOB  
JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER  
145 MPT-9

DATE OF RUN

SPIERRY-SOIV  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTATIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
12.173	455.302	17 45	JAN 31, 1975	
12.207	455.291	17 47	JAN 31, 1975	
12.241	455.279	17 49	JAN 31, 1975	
12.275	455.279	17 51	JAN 31, 1975	
12.309	455.268	17 54	JAN 31, 1975	
12.342	455.279	17 56	JAN 31, 1975	
12.376	455.260	17 58	JAN 31, 1975	
12.410	455.268	18 00	JAN 31, 1975	
12.444	455.291	18 02	JAN 31, 1975	
12.478	455.263	18 04	JAN 31, 1975	
12.512	455.256	18 06	JAN 31, 1975	
12.545	455.256	18 08	JAN 31, 1975	
12.579	455.256	18 10	JAN 31, 1975	
12.613	455.256	18 12	JAN 31, 1975	
12.647	455.256	18 14	JAN 31, 1975	
12.681	455.233	18 16	JAN 31, 1975	
12.714	455.233	18 18	JAN 31, 1975	
12.748	455.233	18 20	JAN 31, 1975	
12.782	455.233	18 22	JAN 31, 1975	
12.816	455.221	18 24	JAN 31, 1975	
12.850	455.221	18 26	JAN 31, 1975	
12.884	455.221	18 28	JAN 31, 1975	
12.917	455.210	18 30	JAN 31, 1975	
12.951	455.210	18 32	JAN 31, 1975	
12.985	455.210	18 34	JAN 31, 1975	
13.019	455.210	18 36	JAN 31, 1975	
13.053	455.210	18 38	JAN 31, 1975	
13.086	455.178	18 40	JAN 31, 1975	
13.120	455.210	18 42	JAN 31, 1975	
13.154	455.163	18 44	JAN 31, 1975	
13.188	455.175	18 46	JAN 31, 1975	
13.222	455.163	18 48	JAN 31, 1975	
13.255	455.175	18 50	JAN 31, 1975	
13.289	455.163	18 52	JAN 31, 1975	
13.323	455.143	18 54	JAN 31, 1975	
13.357	455.140	18 56	JAN 31, 1975	
13.391	455.140	18 58	JAN 31, 1975	
13.425	455.123	19 00	JAN 31, 1975	
13.454	455.128	19 03	JAN 31, 1975	
13.492	455.117	19 05	JAN 31, 1975	



JOB NUMBER  
SPG-11228-7

DATE OF JOB  
JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER  
145 MPT-A

DATE OF RUN

SPEERY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
13.526	455.123	19 07	JAN 31, 1975	
13.560	455.117	19 09	JAN 31, 1975	
13.594	455.094	19 11	JAN 31, 1975	
13.627	455.094	19 13	JAN 31, 1975	
13.661	455.092	19 15	JAN 31, 1975	
13.695	455.094	19 17	JAN 31, 1975	
13.729	455.082	19 19	JAN 31, 1975	
13.763	455.082	19 21	JAN 31, 1975	
13.797	455.082	19 23	JAN 31, 1975	
13.830	455.059	19 25	JAN 31, 1975	
13.864	455.059	19 27	JAN 31, 1975	
13.898	455.071	19 29	JAN 31, 1975	
13.932	455.059	19 31	JAN 31, 1975	
13.966	455.059	19 33	JAN 31, 1975	
13.999	455.071	19 35	JAN 31, 1975	
14.033	455.059	19 37	JAN 31, 1975	
14.067	455.059	19 39	JAN 31, 1975	
14.101	455.047	19 41	JAN 31, 1975	
14.135	455.059	19 43	JAN 31, 1975	
14.168	455.059	19 45	JAN 31, 1975	
14.202	455.036	19 47	JAN 31, 1975	
14.236	455.047	19 49	JAN 31, 1975	
14.270	455.047	19 51	JAN 31, 1975	
14.304	455.036	19 53	JAN 31, 1975	
14.338	455.036	19 55	JAN 31, 1975	
14.371	455.036	19 57	JAN 31, 1975	
14.405	455.036	19 59	JAN 31, 1975	
14.439	455.036	20 01	JAN 31, 1975	
14.473	455.036	20 03	JAN 31, 1975	
14.507	455.024	20 05	JAN 31, 1975	
14.540	455.024	20 07	JAN 31, 1975	
14.574	455.013	20 09	JAN 31, 1975	
14.608	455.013	20 11	JAN 31, 1975	
14.642	455.024	20 14	JAN 31, 1975	
14.676	455.013	20 16	JAN 31, 1975	
14.710	455.013	20 18	JAN 31, 1975	
14.743	455.001	20 20	JAN 31, 1975	
14.777	455.001	20 22	JAN 31, 1975	
14.811	455.001	20 24	JAN 31, 1975	
14.845	454.989	20 26	JAN 31, 1975	



JOB NUMBER  
SPG-11228-7

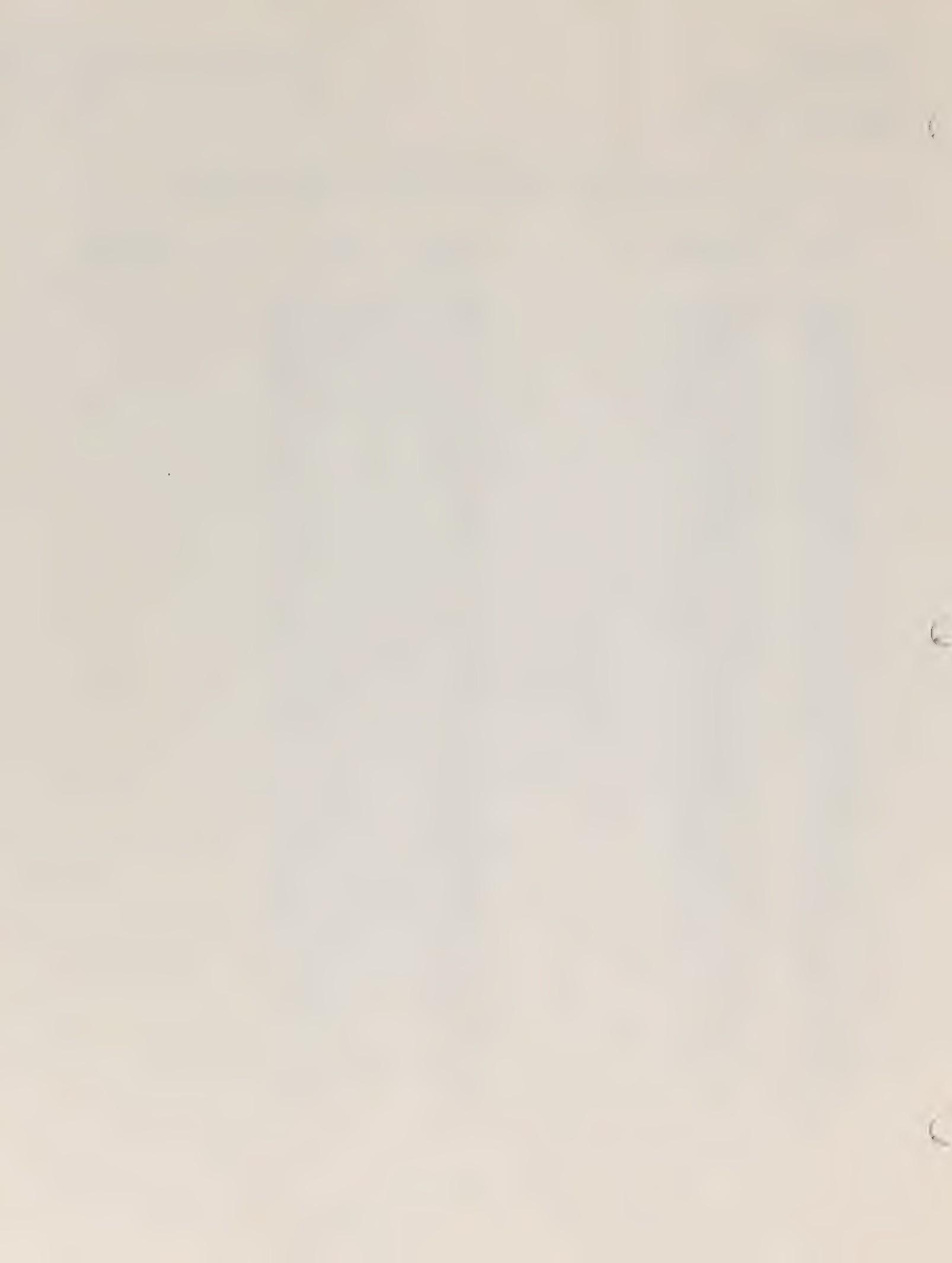
DATE OF JOB  
JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER  
145 MPT-8

DATE OF RUN

SPEERY-SIN  
PRECISE IN SUBLSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
14.879	454.978	20 28	JAN 31, 1975	
14.912	454.973	20 30	JAN 31, 1975	
14.946	454.973	20 32	JAN 31, 1975	
14.980	454.955	20 34	JAN 31, 1975	
15.014	454.955	20 36	JAN 31, 1975	
15.048	454.943	20 38	JAN 31, 1975	
15.081	454.929	20 40	JAN 31, 1975	
15.115	454.920	20 42	JAN 31, 1975	
15.149	454.920	20 44	JAN 31, 1975	
15.183	454.943	20 46	JAN 31, 1975	
15.217	454.943	20 48	JAN 31, 1975	
15.251	454.932	20 50	JAN 31, 1975	
15.284	454.903	20 52	JAN 31, 1975	
15.318	454.900	20 54	JAN 31, 1975	
15.352	454.898	20 56	JAN 31, 1975	
15.386	454.897	20 58	JAN 31, 1975	
15.420	454.897	21 00	JAN 31, 1975	
15.453	454.885	21 02	JAN 31, 1975	
15.487	454.885	21 04	JAN 31, 1975	
15.521	454.897	21 06	JAN 31, 1975	
15.555	454.885	21 08	JAN 31, 1975	
15.589	454.874	21 10	JAN 31, 1975	
15.623	454.874	21 12	JAN 31, 1975	
15.656	454.874	21 14	JAN 31, 1975	
15.690	454.862	21 16	JAN 31, 1975	
15.724	454.852	21 18	JAN 31, 1975	
15.758	454.862	21 20	JAN 31, 1975	
15.792	454.862	21 22	JAN 31, 1975	
15.825	454.839	21 25	JAN 31, 1975	
15.859	454.827	21 27	JAN 31, 1975	
15.893	454.827	21 29	JAN 31, 1975	
15.927	454.827	21 31	JAN 31, 1975	
15.961	454.827	21 33	JAN 31, 1975	
15.994	454.816	21 35	JAN 31, 1975	
16.028	454.804	21 37	JAN 31, 1975	
16.062	454.804	21 39	JAN 31, 1975	
16.096	454.804	21 41	JAN 31, 1975	
16.130	454.804	21 43	JAN 31, 1975	
16.164	454.816	21 45	JAN 31, 1975	
16.197	454.804	21 47	JAN 31, 1975	



JOB NUMBER  
SPG-11228-7.

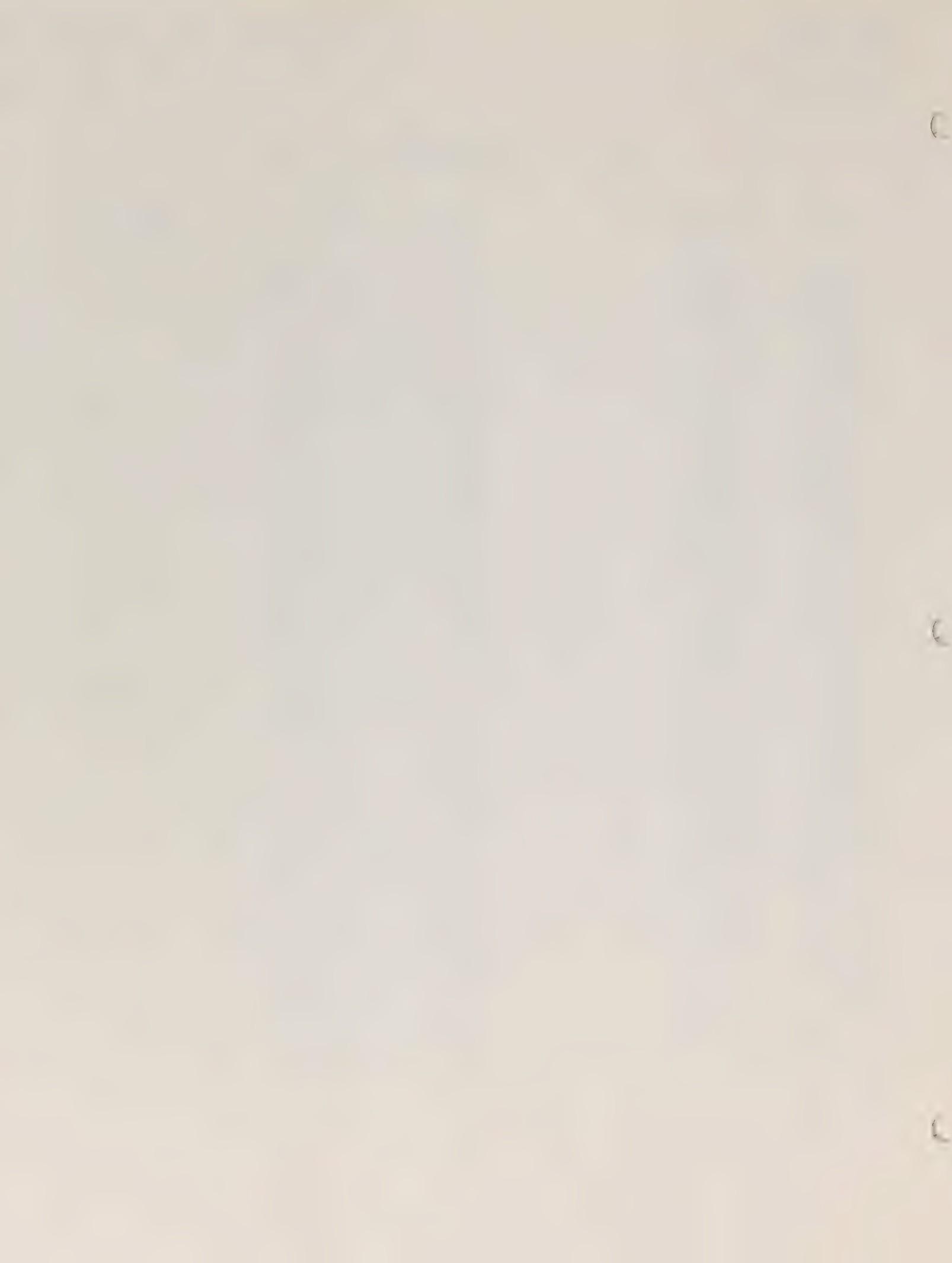
DATE OF JOB  
JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER  
145 MPT-B

DATE OF RUN

SPEERY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE READING

DELTA TIME	PRESSURE (PSI)	TIME	DATE	COMMENTS
		HR MIN		
16.231	454.792	21 49	JAN 31, 1975	
16.265	454.792	21 51	JAN 31, 1975	
16.299	454.791	21 53	JAN 31, 1975	
16.333	454.792	21 55	JAN 31, 1975	
16.366	454.781	21 57	JAN 31, 1975	
16.400	454.769	21 59	JAN 31, 1975	
16.434	454.764	22 01	JAN 31, 1975	
16.468	454.758	22 03	JAN 31, 1975	
16.502	454.753	22 05	JAN 31, 1975	
16.536	454.758	22 07	JAN 31, 1975	
16.569	454.758	22 09	JAN 31, 1975	
16.603	454.758	22 11	JAN 31, 1975	
16.637	454.746	22 13	JAN 31, 1975	
16.671	454.746	22 15	JAN 31, 1975	
16.705	454.746	22 17	JAN 31, 1975	
16.738	454.746	22 19	JAN 31, 1975	
16.772	454.746	22 21	JAN 31, 1975	
16.806	454.735	22 23	JAN 31, 1975	
16.840	454.735	22 25	JAN 31, 1975	
16.874	454.735	22 27	JAN 31, 1975	
16.908	454.735	22 29	JAN 31, 1975	
16.941	454.735	22 31	JAN 31, 1975	
16.975	454.735	22 33	JAN 31, 1975	
17.009	454.735	22 35	JAN 31, 1975	
17.043	454.735	22 36	JAN 31, 1975	
17.077	454.723	22 38	JAN 31, 1975	
17.110	454.711	22 40	JAN 31, 1975	
17.144	454.723	22 42	JAN 31, 1975	
17.178	454.723	22 44	JAN 31, 1975	
17.212	454.723	22 46	JAN 31, 1975	
17.246	454.688	22 48	JAN 31, 1975	
17.279	454.688	22 50	JAN 31, 1975	
17.313	454.688	22 52	JAN 31, 1975	
17.347	454.700	22 54	JAN 31, 1975	
17.381	454.690	22 56	JAN 31, 1975	
17.415	454.688	23 00	JAN 31, 1975	
17.449	454.688	23 02	JAN 31, 1975	
17.482	454.676	23 04	JAN 31, 1975	
17.516	454.677	23 06	JAN 31, 1975	
17.550	454.677	23 08	JAN 31, 1975	



JOB NUMBER  
SPG-11228-7

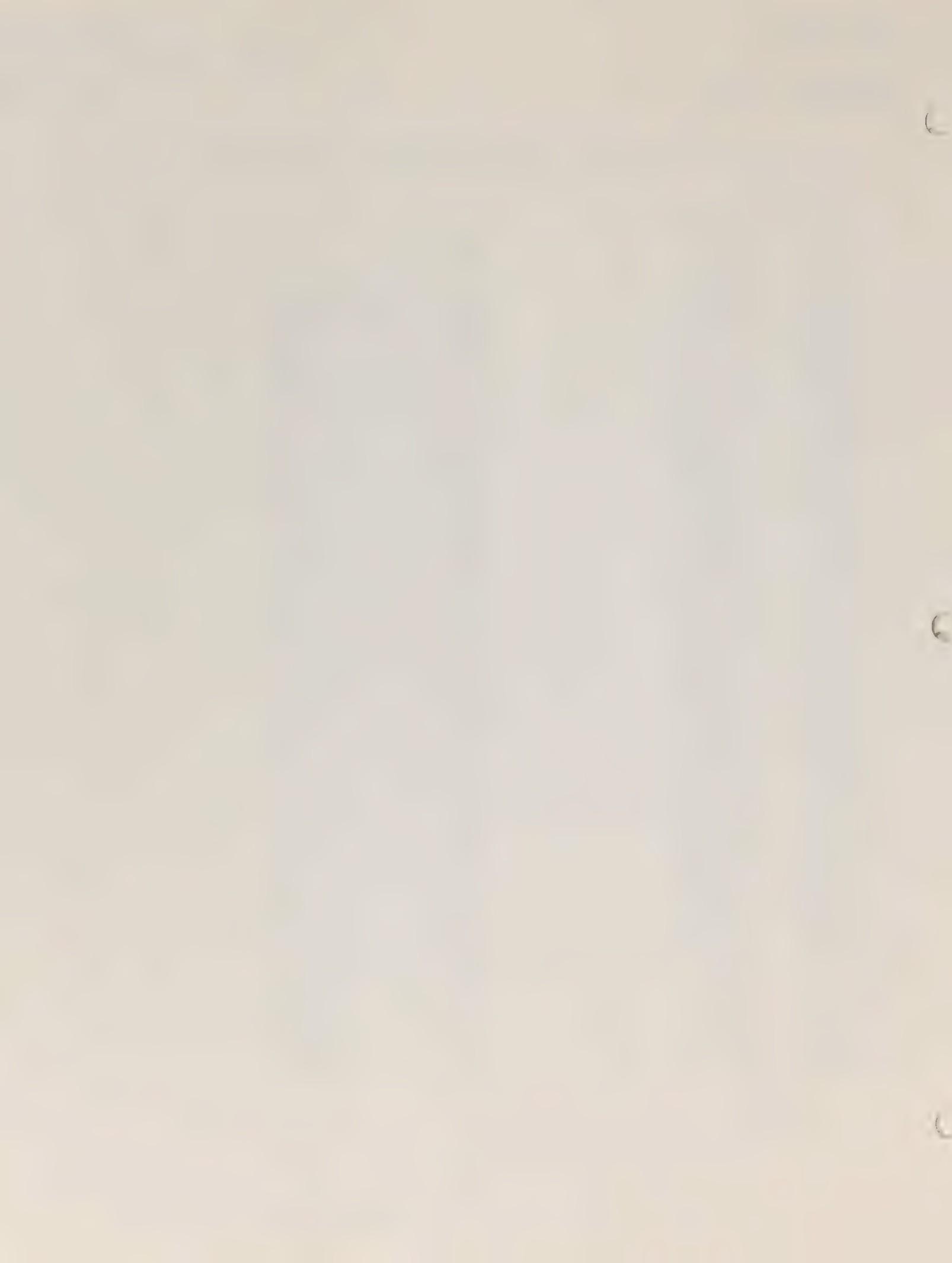
DATE OF JOB  
JANUARY 31-FEBRUARY 26, 1975

GAUGE/RUN NUMBER  
145 RPT-8

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
17.584	454.677	23 10	JAN 31, 1975	
17.618	454.677	23 12	JAN 31, 1975	
17.651	454.677	23 14	JAN 31, 1975	
17.695	454.677	23 16	JAN 31, 1975	
17.719	454.665	23 18	JAN 31, 1975	
17.753	454.671	23 20	JAN 31, 1975	
17.787	454.677	23 22	JAN 31, 1975	
17.821	454.677	23 24	JAN 31, 1975	
17.854	454.677	23 26	JAN 31, 1975	
17.888	454.677	23 28	JAN 31, 1975	
17.922	454.677	23 30	JAN 31, 1975	
17.956	454.665	23 32	JAN 31, 1975	
17.990	454.653	23 34	JAN 31, 1975	
18.023	454.653	23 36	JAN 31, 1975	
18.057	454.653	23 38	JAN 31, 1975	
18.091	454.653	23 40	JAN 31, 1975	
18.125	454.653	23 42	JAN 31, 1975	
18.159	454.758	23 45	JAN 31, 1975	
18.192	454.653	23 47	JAN 31, 1975	
18.226	454.653	23 49	JAN 31, 1975	
18.260	454.630	23 51	JAN 31, 1975	
18.294	454.642	23 53	JAN 31, 1975	
18.328	454.642	23 55	JAN 31, 1975	
18.362	454.630	23 57	JAN 31, 1975	
18.395	454.630	23 59	JAN 31, 1975	
18.429	454.630	00 01	FEB 01, 1975	
18.463	454.530	00 03	FEB 01, 1975	
18.497	454.630	00 05	FEB 01, 1975	
18.531	454.630	00 07	FEB 01, 1975	
18.564	454.642	00 09	FEB 01, 1975	
18.598	454.630	00 11	FEB 01, 1975	
18.632	454.630	00 13	FEB 01, 1975	
18.666	454.630	00 15	FEB 01, 1975	
18.700	454.630	00 17	FEB 01, 1975	
18.734	454.630	00 19	FEB 01, 1975	
18.767	454.630	00 21	FEB 01, 1975	
18.801	454.642	00 23	FEB 01, 1975	
18.835	454.630	00 25	FEB 01, 1975	
18.869	454.630	00 27	FEB 01, 1975	
18.903	454.619	00 29	FEB 01, 1975	



JOB NUMBER  
SPG-11228-7

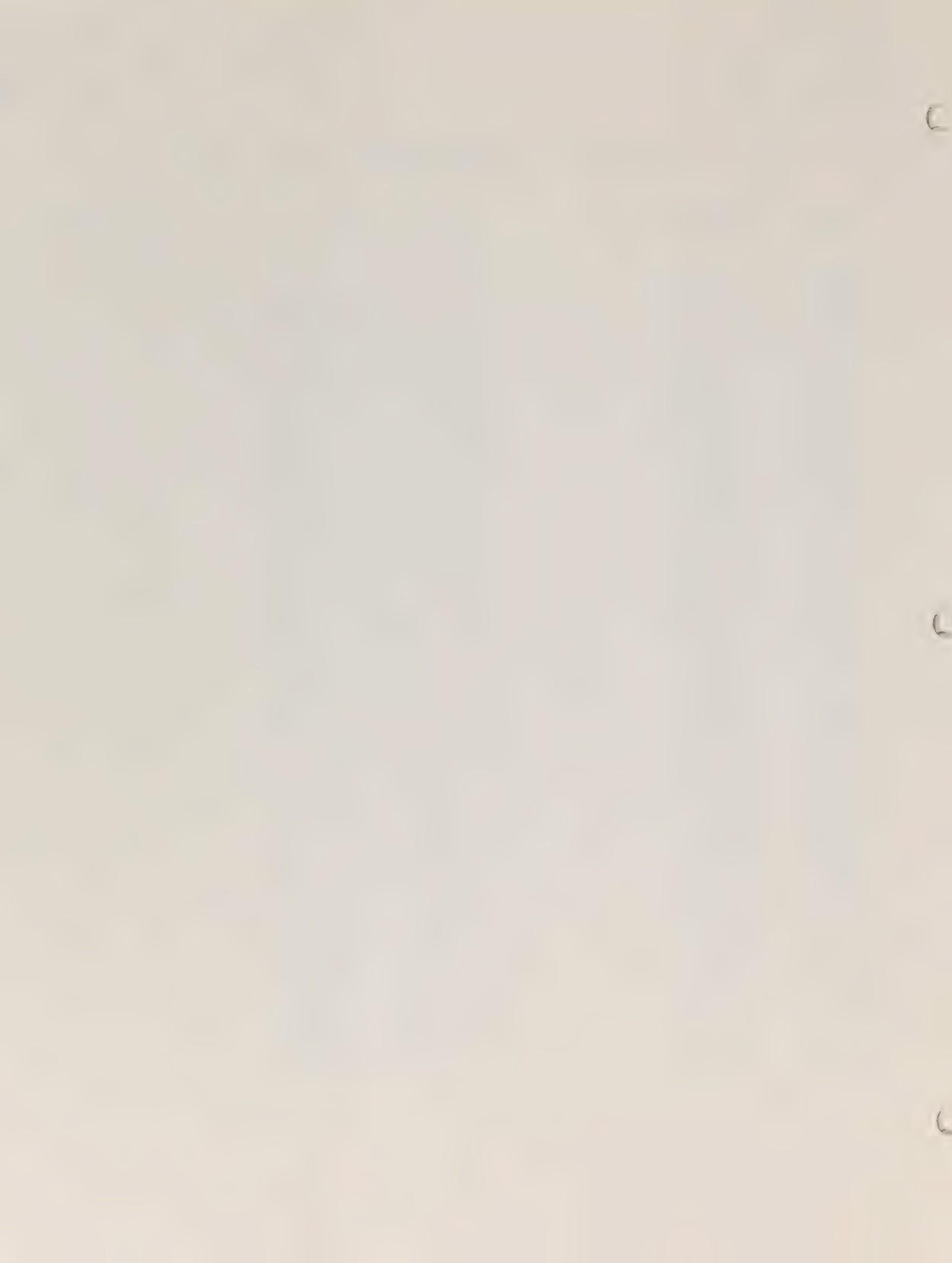
DATE OF JOB  
JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER  
145 MPT-2

DATE OF RUN

SPEERY-SUM  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
18.936	454.630	00 31	FEB 01, 1975	
18.970	454.630	00 33	FEB 01, 1975	
19.004	454.630	00 35	FEB 01, 1975	
19.038	454.630	00 37	FEB 01, 1975	
19.072	454.607	00 39	FEB 01, 1975	
19.105	454.619	00 41	FEB 01, 1975	
19.139	454.619	00 43	FEB 01, 1975	
19.173	454.619	00 45	FEB 01, 1975	
19.207	454.519	00 47	FEB 01, 1975	
19.241	454.519	00 49	FEB 01, 1975	
19.275	454.619	00 51	FEB 01, 1975	
19.308	454.607	00 54	FEB 01, 1975	
19.342	454.619	00 56	FEB 01, 1975	
19.376	454.619	00 58	FEB 01, 1975	
19.410	454.619	01 00	FEB 01, 1975	
19.444	454.596	01 02	FEB 01, 1975	
19.477	454.596	01 04	FEB 01, 1975	
19.511	454.596	01 06	FEB 01, 1975	
19.545	454.584	01 08	FEB 01, 1975	
19.579	454.584	01 10	FEB 01, 1975	
19.613	454.584	01 12	FEB 01, 1975	
19.647	454.584	01 14	FEB 01, 1975	
19.680	454.584	01 16	FEB 01, 1975	
19.714	454.584	01 18	FEB 01, 1975	
19.748	454.572	01 20	FEB 01, 1975	
19.782	454.572	01 22	FEB 01, 1975	
19.816	454.572	01 24	FEB 01, 1975	
19.849	454.549	01 26	FEB 01, 1975	
19.883	454.549	01 28	FEB 01, 1975	
19.917	454.549	01 30	FEB 01, 1975	
19.951	454.549	01 32	FEB 01, 1975	
19.985	454.549	01 34	FEB 01, 1975	
20.019	454.526	01 36	FEB 01, 1975	
20.052	454.549	01 38	FEB 01, 1975	
20.086	454.526	01 40	FEB 01, 1975	
20.120	454.526	01 42	FEB 01, 1975	
20.154	454.526	01 44	FEB 01, 1975	
20.188	454.526	01 46	FEB 01, 1975	
20.221	454.526	01 48	FEB 01, 1975	
20.255	454.514	01 50	FEB 01, 1975	



JOB NUMBER  
SPG-11228-7

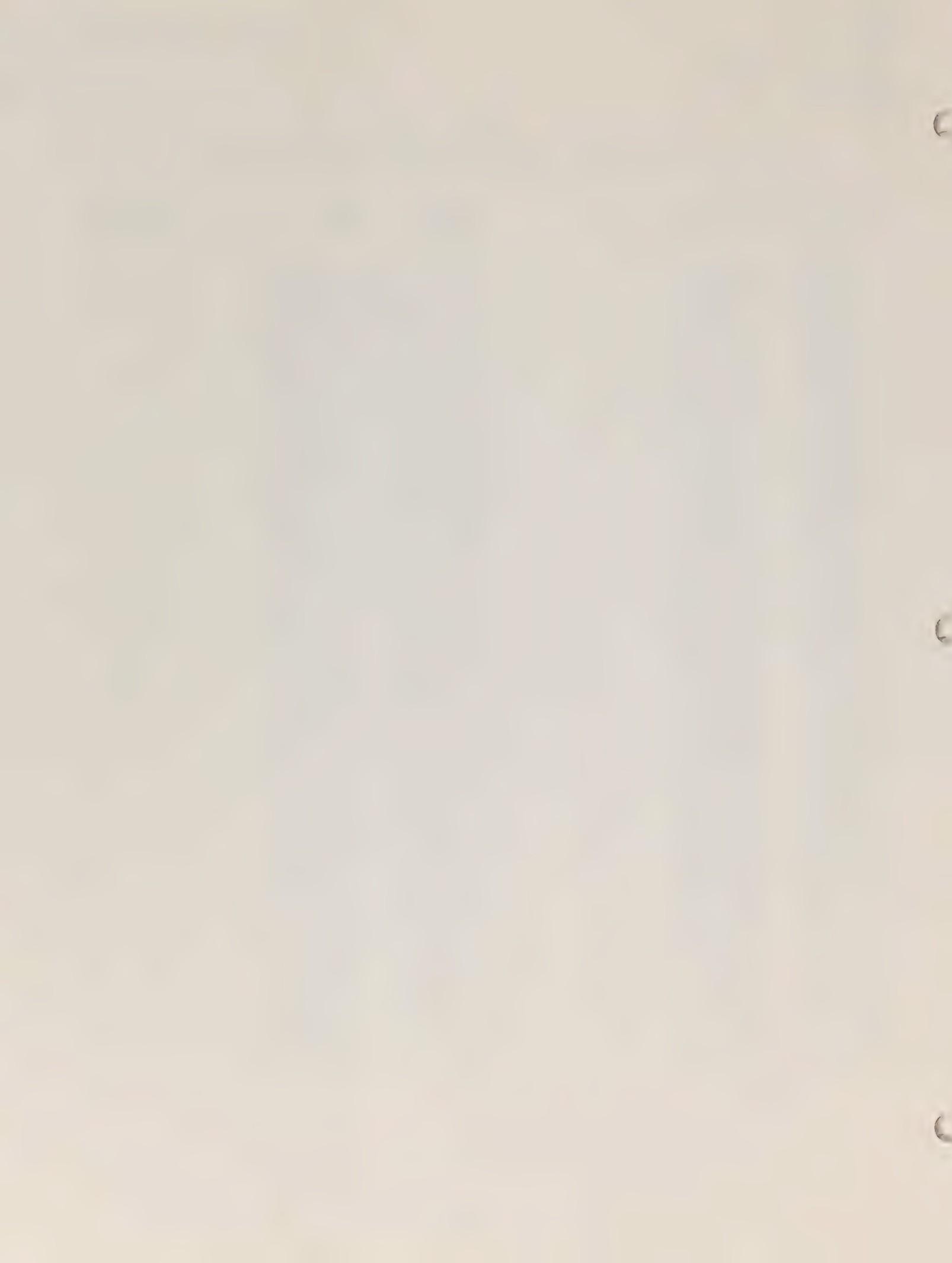
DATE OF JOB  
JANUARY 31-FEBRUARY 26, 1975

GAUGE/RUN NUMBER  
145 MPT-A

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	T(MF HR MIN	DATE	COMMENTS
20.289	454.514	01 52	FEB 01, 1975	
20.323	454.514	01 54	FEB 01, 1975	
20.357	454.503	01 56	FEB 01, 1975	
20.391	454.491	01 58	FEB 01, 1975	
20.424	454.503	02 00	FEB 01, 1975	
20.458	454.503	02 02	FEB 01, 1975	
20.492	454.503	02 05	FEB 01, 1975	
20.526	454.491	02 07	FEB 01, 1975	
20.560	454.503	02 09	FEB 01, 1975	
20.593	454.489	02 11	FEB 01, 1975	
20.627	454.486	02 13	FEB 01, 1975	
20.661	454.480	02 15	FEB 01, 1975	
20.695	454.480	02 17	FEB 01, 1975	
20.729	454.486	02 19	FEB 01, 1975	
20.762	454.468	02 21	FEB 01, 1975	
20.796	454.468	02 23	FEB 01, 1975	
20.830	454.457	02 25	FEB 01, 1975	
20.864	454.468	02 27	FEB 01, 1975	
20.898	454.468	02 29	FEB 01, 1975	
20.931	454.468	02 31	FEB 01, 1975	
20.965	454.468	02 33	FEB 01, 1975	
20.999	454.468	02 35	FEB 01, 1975	
21.033	454.468	02 37	FEB 01, 1975	
21.067	454.457	02 39	FEB 01, 1975	
21.101	454.457	02 41	FEB 01, 1975	
21.134	454.468	02 43	FEB 01, 1975	
21.168	454.468	02 45	FEB 01, 1975	
21.202	454.468	02 47	FEB 01, 1975	
21.236	454.457	02 49	FEB 01, 1975	
21.270	454.457	02 51	FEB 01, 1975	
21.303	454.445	02 53	FEB 01, 1975	
21.337	454.445	02 55	FEB 01, 1975	
21.371	454.457	02 57	FEB 01, 1975	
21.405	454.457	02 59	FEB 01, 1975	
21.439	454.465	03 01	FEB 01, 1975	
21.473	454.433	03 03	FEB 01, 1975	
21.506	454.433	03 05	FEB 01, 1975	
21.540	454.433	03 07	FEB 01, 1975	
21.574	454.433	03 09	FEB 01, 1975	
21.608	454.433	03 11	FEB 01, 1975	



JOB NUMBER  
SPG-11225-7

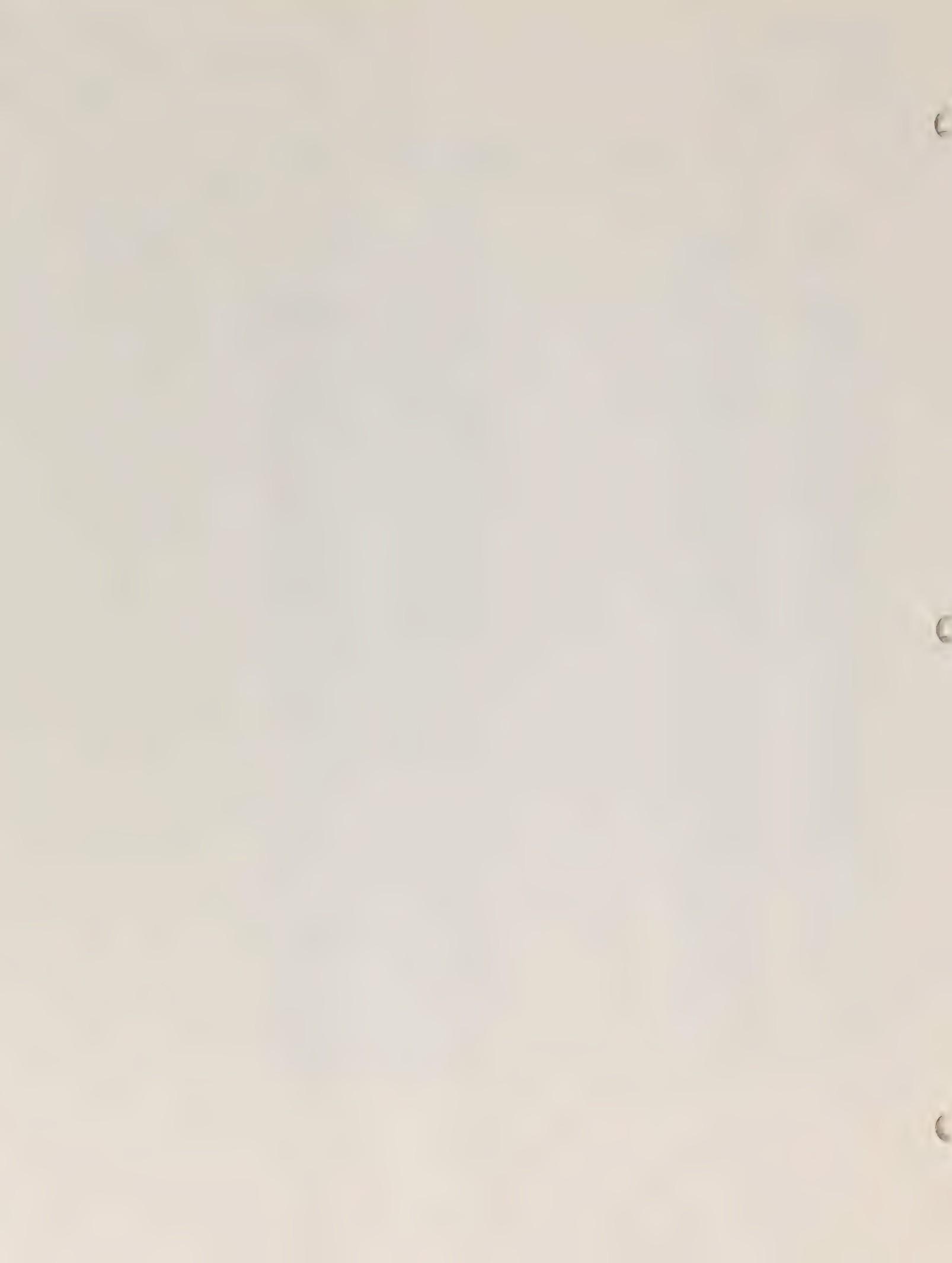
DATE OF JOB  
JANUARY 31-FEBRUARY 26, 1975

GAUGE ID NUMBER  
145-023-2

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
21.642	454.445	03	13 FEB 01, 1975	
21.675	454.433	03	16 FEB 01, 1975	
21.712	454.445	03	19 FEB 01, 1975	
21.742	454.445	03	20 FEB 01, 1975	
21.777	454.445	03	22 FEB 01, 1975	
21.811	454.445	03	24 FEB 01, 1975	
21.841	454.445	03	26 FEB 01, 1975	
21.878	454.433	03	28 FEB 01, 1975	
21.912	454.433	03	30 FEB 01, 1975	
21.945	454.445	03	32 FEB 01, 1975	
21.980	454.433	03	34 FEB 01, 1975	
22.014	454.433	03	36 FEB 01, 1975	
22.047	454.433	03	38 FEB 01, 1975	
22.081	454.445	03	40 FEB 01, 1975	
22.115	454.433	03	42 FEB 01, 1975	
22.149	454.433	03	44 FEB 01, 1975	
22.183	454.433	03	46 FEB 01, 1975	
22.216	454.422	03	48 FEB 01, 1975	
22.250	454.433	03	50 FEB 01, 1975	
22.284	454.433	03	52 FEB 01, 1975	
22.313	454.410	03	54 FEB 01, 1975	
22.352	454.410	03	56 FEB 01, 1975	
22.386	454.422	03	58 FEB 01, 1975	
22.419	454.410	04	00 FEB 01, 1975	
22.453	454.422	04	02 FEB 01, 1975	
22.487	454.422	04	04 FEB 01, 1975	
22.521	454.422	04	06 FEB 01, 1975	
22.555	454.399	04	08 FEB 01, 1975	
22.589	454.399	04	10 FEB 01, 1975	
22.622	454.399	04	12 FEB 01, 1975	
22.656	454.399	04	14 FEB 01, 1975	
22.690	454.399	04	16 FEB 01, 1975	
22.724	454.399	04	18 FEB 01, 1975	
22.757	454.399	04	20 FEB 01, 1975	
22.791	454.399	04	22 FEB 01, 1975	
22.825	454.399	04	25 FEB 01, 1975	
22.857	454.399	04	27 FEB 01, 1975	
22.891	454.399	04	29 FEB 01, 1975	
22.927	454.397	04	31 FEB 01, 1975	
22.951	454.375	04	33 FEB 01, 1975	



JUR NUMBER  
SPG-11228-7

DATE OF JUR  
JANUARY 31-FEBRUARY 26, 1971

GAUGE/RUN NUMBER  
145 MPT-H

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
22.994	454.347	04 35	FEB 01, 1975	
23.028	454.347	04 37	FEB 01, 1975	
23.062	454.347	04 39	FEB 01, 1975	
23.096	454.374	04 41	FEB 01, 1975	
23.129	454.374	04 43	FEB 01, 1975	
23.163	454.374	04 45	FEB 01, 1975	
23.197	454.357	04 47	FEB 01, 1975	
23.231	454.364	04 49	FEB 01, 1975	
23.265	454.364	04 51	FEB 01, 1975	
23.299	454.375	04 53	FEB 01, 1975	
23.332	454.375	04 55	FEB 01, 1975	
23.366	454.352	04 57	FEB 01, 1975	
23.400	454.352	04 59	FEB 01, 1975	
23.434	454.364	05 01	FEB 01, 1975	
23.468	454.364	05 03	FEB 01, 1975	
23.501	454.352	05 05	FEB 01, 1975	
23.535	454.352	05 07	FEB 01, 1975	
23.569	454.352	05 09	FEB 01, 1975	
23.603	454.352	05 11	FEB 01, 1975	
23.637	454.352	05 13	FEB 01, 1975	
23.671	454.341	05 15	FEB 01, 1975	
23.704	454.341	05 17	FEB 01, 1975	
23.738	454.341	05 19	FEB 01, 1975	
23.772	454.341	05 21	FEB 01, 1975	
23.806	454.341	05 23	FEB 01, 1975	
23.840	454.341	05 25	FEB 01, 1975	
23.873	454.341	05 27	FEB 01, 1975	
23.907	454.324	05 29	FEB 01, 1975	
23.941	454.317	05 31	FEB 01, 1975	
23.975	454.317	05 33	FEB 01, 1975	
24.009	454.317	05 36	FEB 01, 1975	
24.042	454.317	05 38	FEB 01, 1975	
24.076	454.317	05 40	FEB 01, 1975	
24.110	454.317	05 42	FEB 01, 1975	
24.143	454.317	05 44	FEB 01, 1975	
24.176	454.317	05 46	FEB 01, 1975	
24.212	454.317	05 48	FEB 01, 1975	
24.245	454.317	05 50	FEB 01, 1975	
24.279	454.317	05 52	FEB 01, 1975	
24.313	454.329	05 54	FEB 01, 1975	

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JOB NUMBER  
SPG-1122A-7

DATE OF JOB  
JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER  
145 MPT-A

DATE OF RUN

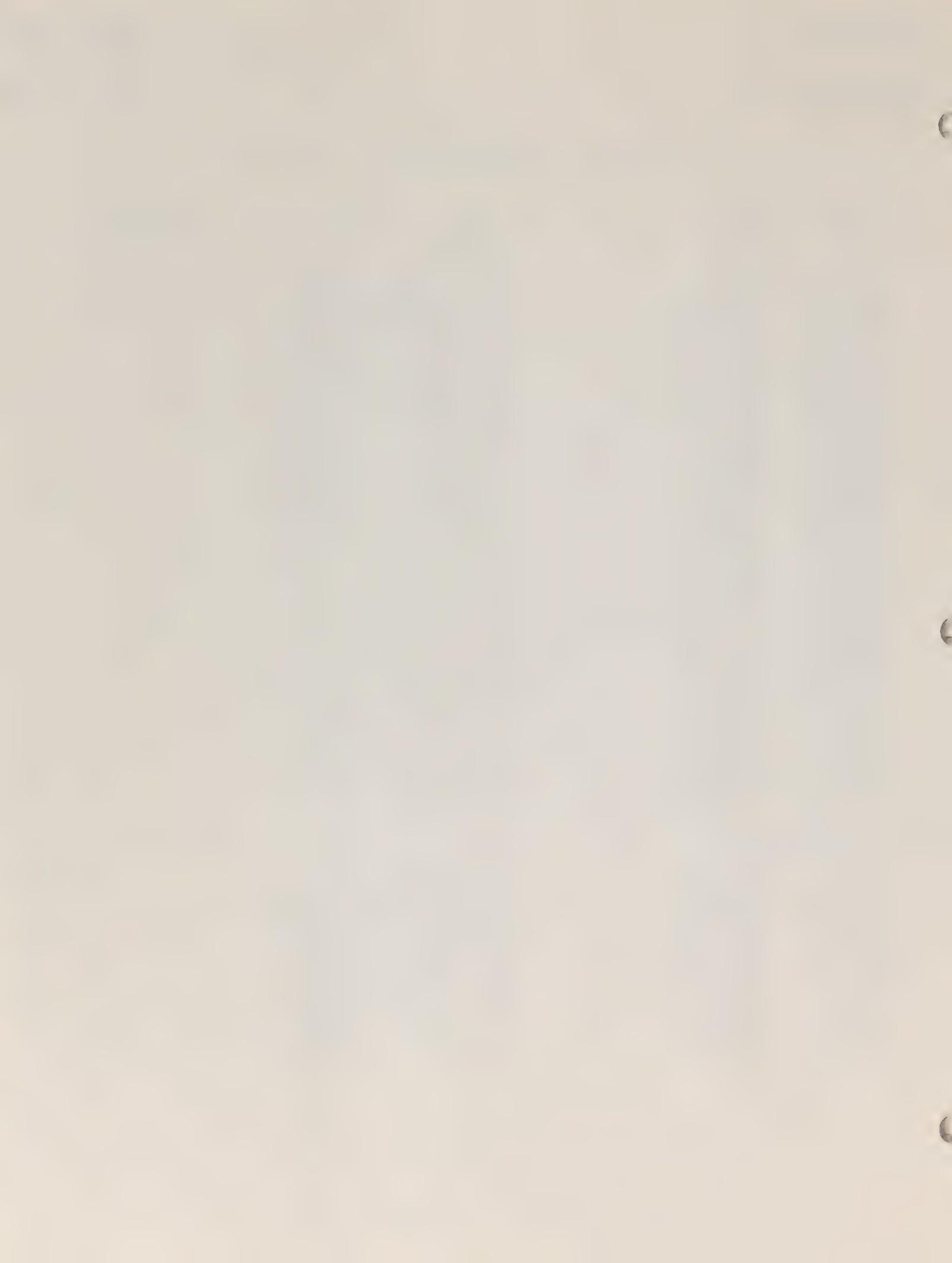
SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
25.699	457.434	07 17	FEB 01, 1975	
25.733	457.492	07 19	FEB 01, 1975	
25.767	457.527	07 21	FEB 01, 1975	
25.801	457.565	07 23	FEB 01, 1975	
25.835	457.643	07 25	FEB 01, 1975	
25.868	457.677	07 27	FEB 01, 1975	
25.902	457.735	07 29	FEB 01, 1975	
25.936	457.782	07 31	FEB 01, 1975	
25.970	457.816	07 33	FEB 01, 1975	
26.004	457.851	07 35	FEB 01, 1975	
26.038	457.897	07 37	FEB 01, 1975	
26.071	457.944	07 39	FEB 01, 1975	
26.105	457.990	07 41	FEB 01, 1975	
26.139	458.013	07 43	FEB 01, 1975	
26.173	458.060	07 45	FEB 01, 1975	
26.207	458.094	07 47	FEB 01, 1975	
26.240	458.129	07 49	FEB 01, 1975	
26.274	458.164	07 51	FEB 01, 1975	
26.308	458.187	07 53	FEB 01, 1975	
26.342	458.233	07 56	FEB 01, 1975	
26.376	458.257	07 58	FEB 01, 1975	
26.410	458.291	08 00	FEB 01, 1975	
26.443	458.326	08 02	FEB 01, 1975	
26.477	458.361	08 04	FEB 01, 1975	
26.511	458.396	08 06	FEB 01, 1975	
265.448	458.419	07 02	FEB 11, 1975	

OUT OF SEQUENCE

017 1.277 786 0

26.579	458.442	08 10	FEB 01, 1975
26.612	458.477	08 12	FEB 01, 1975
26.646	458.512	08 14	FEB 01, 1975
26.680	458.535	08 16	FEB 01, 1975
26.714	458.569	08 18	FEB 01, 1975
26.748	458.593	08 20	FEB 01, 1975
26.781	458.627	08 22	FEB 01, 1975
26.815	458.639	08 24	FEB 01, 1975
26.849	458.674	08 26	FEB 01, 1975



JOB NUMBER  
SPG-11228-7

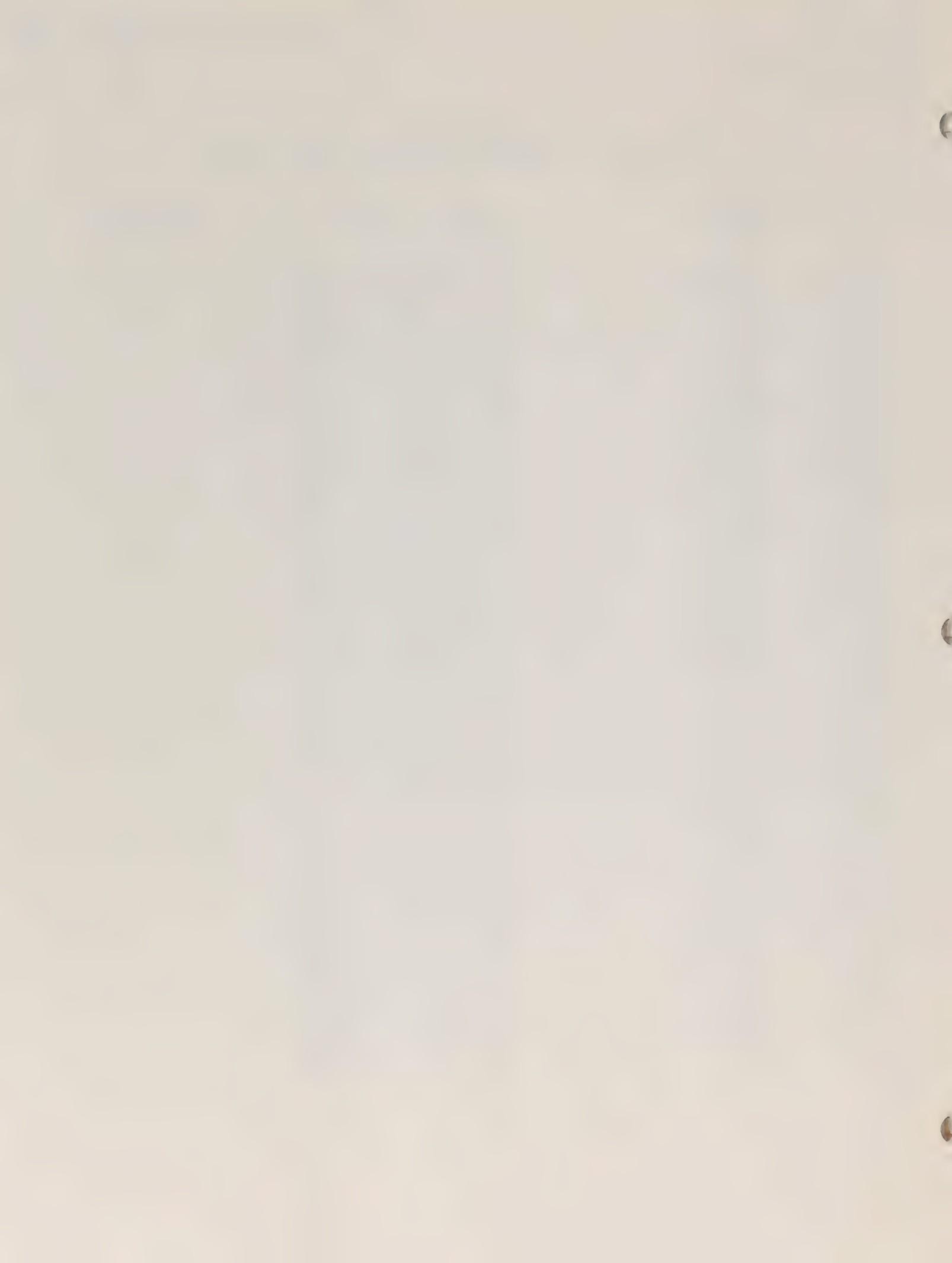
DATE OF JOB  
JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER  
145 MPT-8

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELT A TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
26.883	458.709	08 28	FEB 01, 1975	
26.917	458.720	08 30	FEB 01, 1975	
26.951	458.732	08 32	FEB 01, 1975	
26.984	458.778	08 34	FEB 01, 1975	
27.018	458.801	08 36	FEB 01, 1975	
27.052	458.813	08 38	FEB 01, 1975	
27.086	458.836	08 40	FEB 01, 1975	
27.120	458.859	08 42	FEB 01, 1975	
27.153	458.894	08 44	FEB 01, 1975	
27.187	458.917	08 46	FEB 01, 1975	
27.221	458.929	08 48	FEB 01, 1975	
27.255	458.963	08 50	FEB 01, 1975	
27.289	458.987	08 52	FEB 01, 1975	
27.323	458.998	08 54	FEB 01, 1975	
27.356	459.021	08 56	FEB 01, 1975	
27.390	459.033	08 58	FEB 01, 1975	
27.424	459.068	09 00	FEB 01, 1975	
27.458	459.091	09 02	FEB 01, 1975	
27.492	459.114	09 04	FEB 01, 1975	
27.525	459.126	09 07	FEB 01, 1975	
27.559	459.149	09 09	FEB 01, 1975	
27.593	459.172	09 11	FEB 01, 1975	
27.627	459.195	09 13	FEB 01, 1975	
27.661	459.207	09 15	FEB 01, 1975	
27.694	459.218	09 17	FEB 01, 1975	
27.728	459.253	09 19	FEB 01, 1975	
27.762	459.265	09 21	FEB 01, 1975	
27.796	459.288	09 23	FEB 01, 1975	
27.830	459.299	09 25	FEB 01, 1975	
27.864	459.311	09 27	FEB 01, 1975	
27.897	459.346	09 29	FEB 01, 1975	
27.931	459.369	09 31	FEB 01, 1975	
27.965	459.380	09 33	FEB 01, 1975	
27.999	459.369	09 35	FEB 01, 1975	
28.033	459.392	09 37	FEB 01, 1975	
28.066	459.415	09 39	FEB 01, 1975	
28.100	459.415	09 41	FEB 01, 1975	
28.134	459.427	09 43	FEB 01, 1975	
28.168	459.462	09 45	FEB 01, 1975	
28.202	459.485	09 47	FEB 01, 1975	



JOB NUMBER  
SPG-11228-7

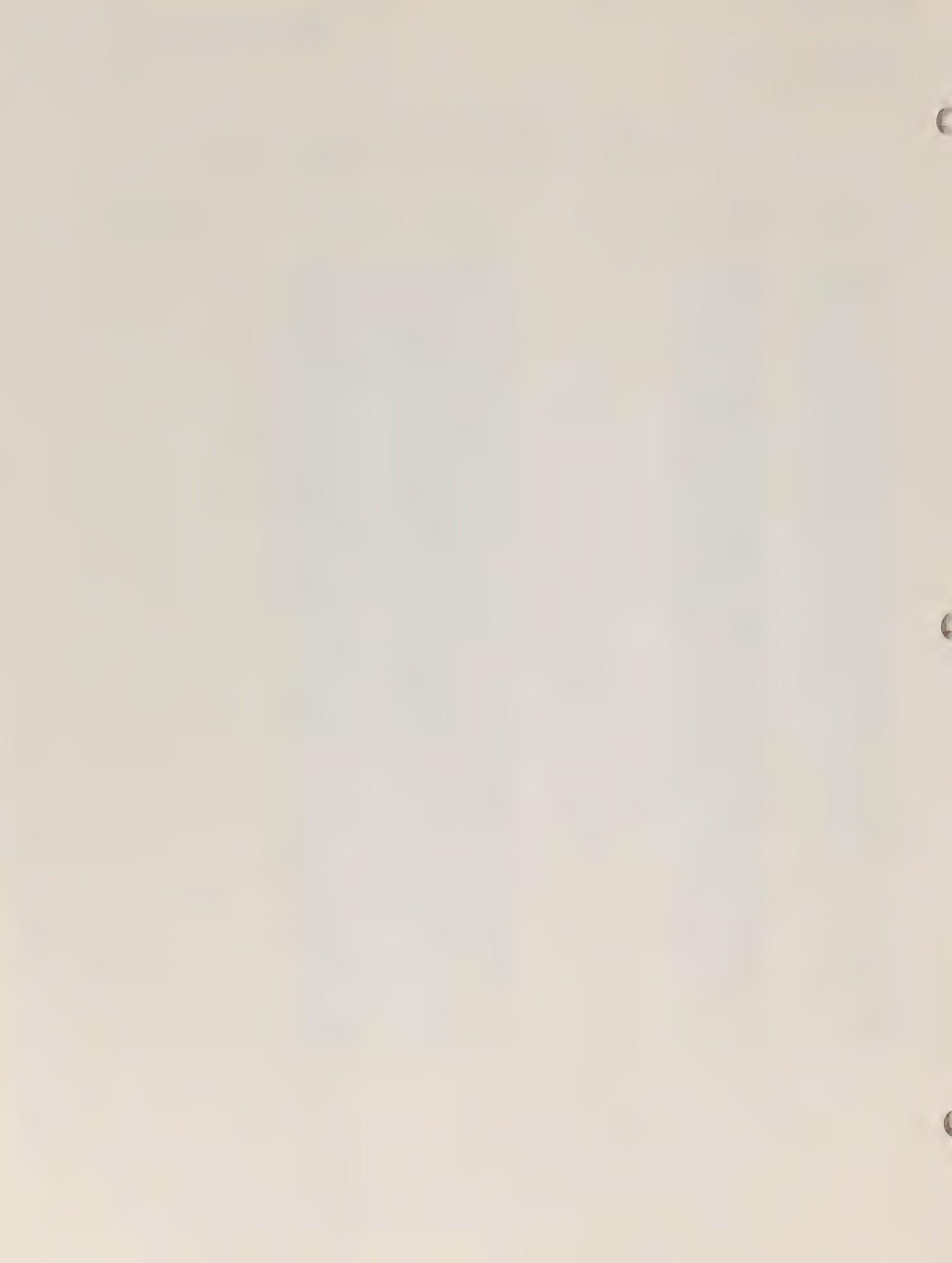
DATE OF JOB  
JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER  
145 MPT-8

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PST)	TIME HR MIN	DATE	COMMENTS
28.236	459.508	09 49	FEB 01, 1975	
28.269	459.508	09 51	FEB 01, 1975	
28.303	459.531	09 53	FEB 01, 1975	
28.337	459.554	09 55	FEB 01, 1975	
28.371	459.566	09 57	FEB 01, 1975	
28.405	459.577	09 59	FEB 01, 1975	
28.438	459.589	10 01	FEB 01, 1975	
28.472	459.612	10 03	FEB 01, 1975	
28.506	459.624	10 05	FEB 01, 1975	
28.540	459.635	10 07	FEB 01, 1975	
28.574	459.647	10 09	FEB 01, 1975	
28.607	459.670	10 11	FEB 01, 1975	
28.641	459.682	10 13	FEB 01, 1975	
28.675	459.693	10 16	FEB 01, 1975	
28.709	459.693	10 18	FEB 01, 1975	
28.743	459.716	10 20	FEB 01, 1975	
28.777	459.728	10 22	FEB 01, 1975	
28.810	459.740	10 24	FEB 01, 1975	
28.844	459.751	10 26	FEB 01, 1975	
28.878	459.763	10 28	FEB 01, 1975	
28.912	459.786	10 30	FEB 01, 1975	
28.946	459.798	10 32	FEB 01, 1975	
28.979	459.809	10 34	FEB 01, 1975	
29.013	459.832	10 36	FEB 01, 1975	
29.047	459.855	10 38	FEB 01, 1975	
29.081	459.867	10 40	FEB 01, 1975	
29.115	459.867	10 42	FEB 01, 1975	
29.149	459.890	10 44	FEB 01, 1975	
29.182	459.890	10 46	FEB 01, 1975	
29.216	459.890	10 48	FEB 01, 1975	
29.250	459.879	10 50	FEB 01, 1975	
29.284	459.879	10 52	FEB 01, 1975	
29.318	459.890	10 54	FEB 01, 1975	
29.351	459.902	10 56	FEB 01, 1975	
29.385	459.902	10 58	FEB 01, 1975	
29.419	459.925	11 00	FEB 01, 1975	
29.453	459.925	11 02	FEB 01, 1975	
29.487	459.925	11 04	FEB 01, 1975	
29.520	459.925	11 06	FEB 01, 1975	
29.554	459.940	11 08	FEB 01, 1975	



JOB NUMBER  
SPG-11228-7

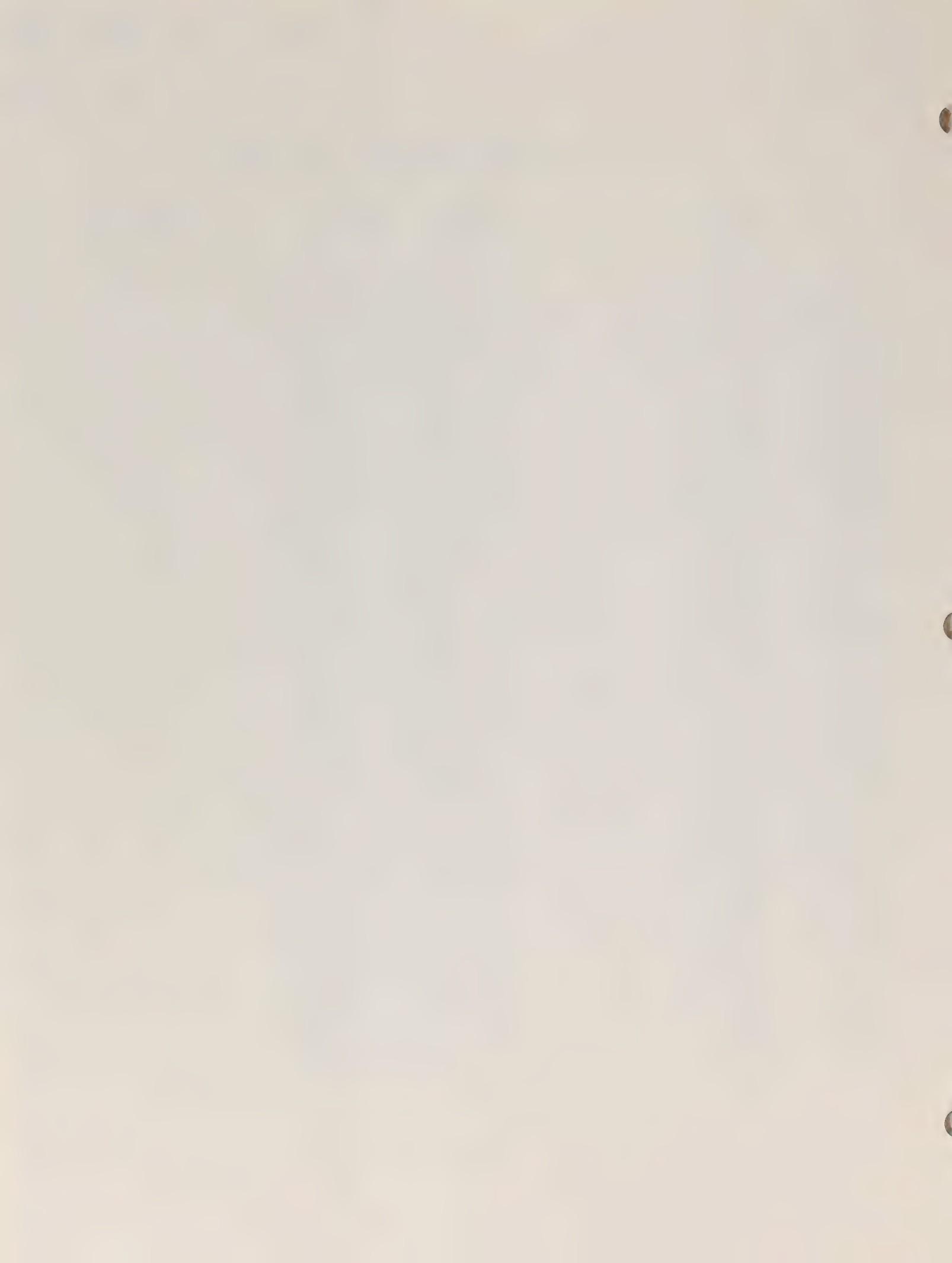
DATE OF JOB  
JANUARY 31-FEBRUARY 2, 1975

GAUGE/RIUN NUMBER  
145 MPT-B

DATE OF RIUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
29.588	459.960	11 10	FEB 01, 1975	
29.622	459.960	11 12	FEB 01, 1975	
29.656	459.960	11 14	FEB 01, 1975	
29.690	459.971	11 16	FEB 01, 1975	
29.723	459.983	11 18	FEB 01, 1975	
30.434	460.006	12 01	FEB 01, 1975	
30.467	460.041	12 03	FEB 01, 1975	
30.501	460.052	12 05	FEB 01, 1975	
30.535	460.076	12 07	FEB 01, 1975	
30.569	460.087	12 09	FEB 01, 1975	
30.603	460.099	12 11	FEB 01, 1975	
30.636	460.110	12 13	FEB 01, 1975	
30.670	460.122	12 15	FEB 01, 1975	
30.704	460.134	12 17	FEB 01, 1975	
30.738	460.145	12 19	FEB 01, 1975	
30.772	460.168	12 21	FEB 01, 1975	
30.805	460.238	12 23	FEB 01, 1975	
30.839	460.249	12 25	FEB 01, 1975	
30.873	460.296	12 27	FEB 01, 1975	
30.907	460.319	12 29	FEB 01, 1975	
30.941	460.342	12 31	FEB 01, 1975	
30.975	460.354	12 33	FEB 01, 1975	
31.008	460.377	12 36	FEB 01, 1975	
31.042	460.388	12 38	FEB 01, 1975	
31.076	460.412	12 40	FEB 01, 1975	
31.110	460.423	12 42	FEB 01, 1975	
31.144	460.446	12 44	FEB 01, 1975	
31.177	460.470	12 46	FEB 01, 1975	
31.211	460.470	12 48	FEB 01, 1975	
31.245	460.481	12 50	FEB 01, 1975	
31.279	460.504	12 52	FEB 01, 1975	
31.313	460.516	12 54	FEB 01, 1975	
31.347	460.527	12 56	FEB 01, 1975	
31.380	460.551	12 58	FEB 01, 1975	
31.414	460.551	13 00	FEB 01, 1975	
31.448	460.562	13 02	FEB 01, 1975	
31.482	460.562	13 04	FEB 01, 1975	
31.516	460.574	13 06	FEB 01, 1975	
31.549	460.585	13 08	FEB 01, 1975	
31.583	460.587	13 10	FEB 01, 1975	

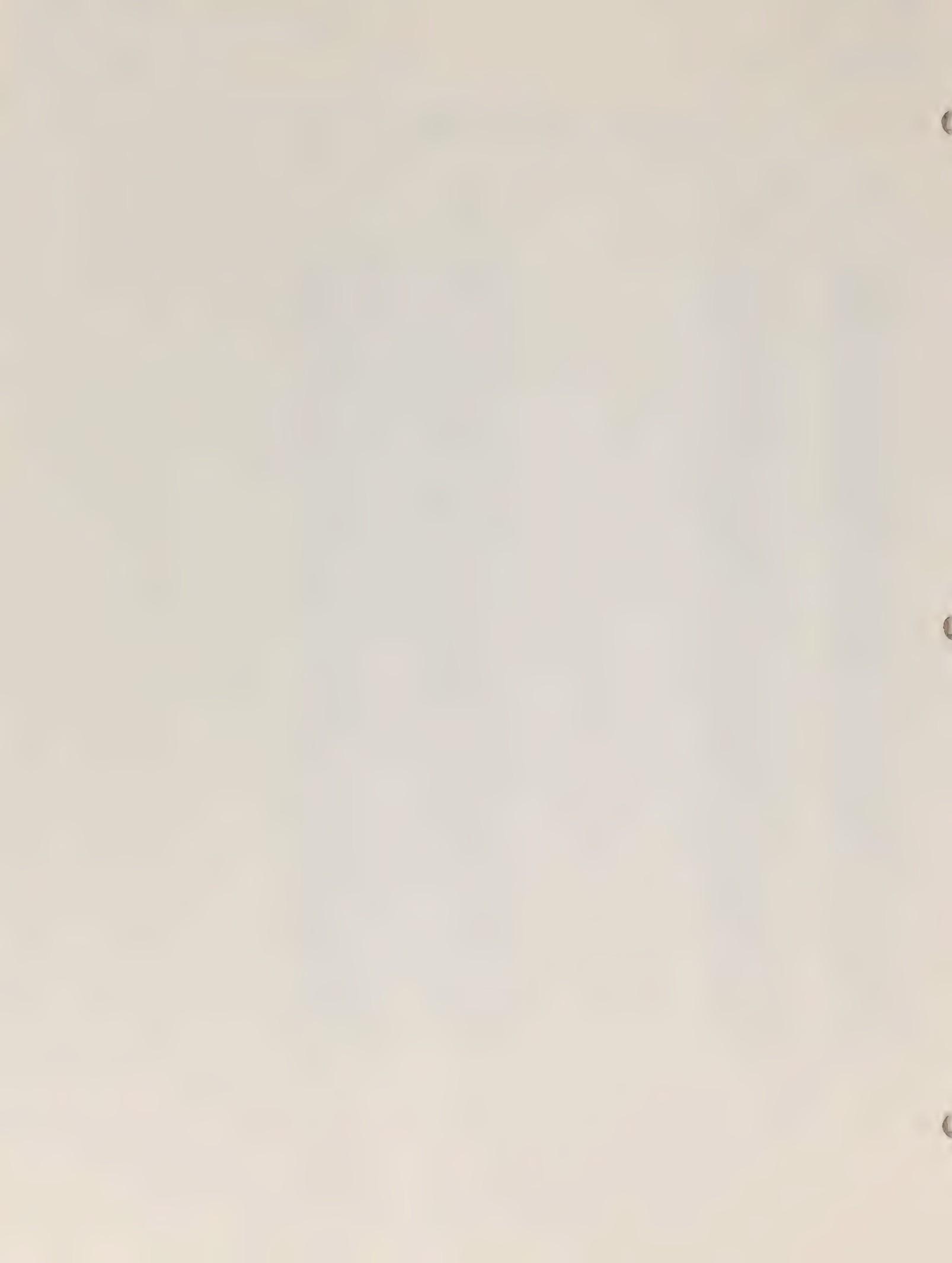


JOB NUMBER  
SPG-11224-7DATE OF JOB  
JANUARY 31-FEBRUARY 2, 1975GAUGE/RUN NUMBER  
145 MPT-EK

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTIA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
31.617	460.609	13 12	FEB 01, 1975	
31.651	460.620	13 14	FEB 01, 1975	
31.685	460.643	13 16	FEB 01, 1975	
31.718	460.655	13 18	FEB 01, 1975	
31.752	460.678	13 20	FEB 01, 1975	
31.786	460.678	13 22	FEB 01, 1975	
31.820	460.678	13 24	FEB 01, 1975	
31.854	460.701	13 26	FEB 01, 1975	
31.888	460.724	13 28	FEB 01, 1975	
31.921	460.724	13 30	FEB 01, 1975	
31.955	460.724	13 32	FEB 01, 1975	
31.989	460.748	13 34	FEB 01, 1975	
32.023	460.771	13 36	FEB 01, 1975	
32.057	460.771	13 38	FEB 01, 1975	
32.090	460.771	13 40	FEB 01, 1975	
32.124	460.794	13 42	FEB 01, 1975	
32.158	460.806	13 44	FEB 01, 1975	
32.192	460.817	13 47	FEB 01, 1975	
32.226	460.817	13 49	FEB 01, 1975	
32.260	460.829	13 51	FEB 01, 1975	
32.293	460.840	13 53	FEB 01, 1975	
32.327	460.840	13 55	FEB 01, 1975	
32.361	460.852	13 57	FEB 01, 1975	
32.395	460.863	13 59	FEB 01, 1975	
32.429	460.863	14 01	FEB 01, 1975	
32.462	460.875	14 03	FEB 01, 1975	
32.495	460.887	14 05	FEB 01, 1975	
32.530	460.898	14 07	FEB 01, 1975	
32.564	460.910	14 09	FEB 01, 1975	
32.598	460.921	14 11	FEB 01, 1975	
32.631	460.921	14 13	FEB 01, 1975	
32.665	460.921	14 15	FEB 01, 1975	
32.699	460.933	14 17	FEB 01, 1975	
32.733	460.933	14 19	FEB 01, 1975	
32.767	460.945	14 21	FEB 01, 1975	
32.801	460.956	14 23	FEB 01, 1975	
32.834	460.964	14 25	FEB 01, 1975	
32.868	460.966	14 27	FEB 01, 1975	
32.902	460.979	14 29	FEB 01, 1975	
32.935	460.971	14 31	FEB 01, 1975	



JOB NUMBER  
SPG-11226-7

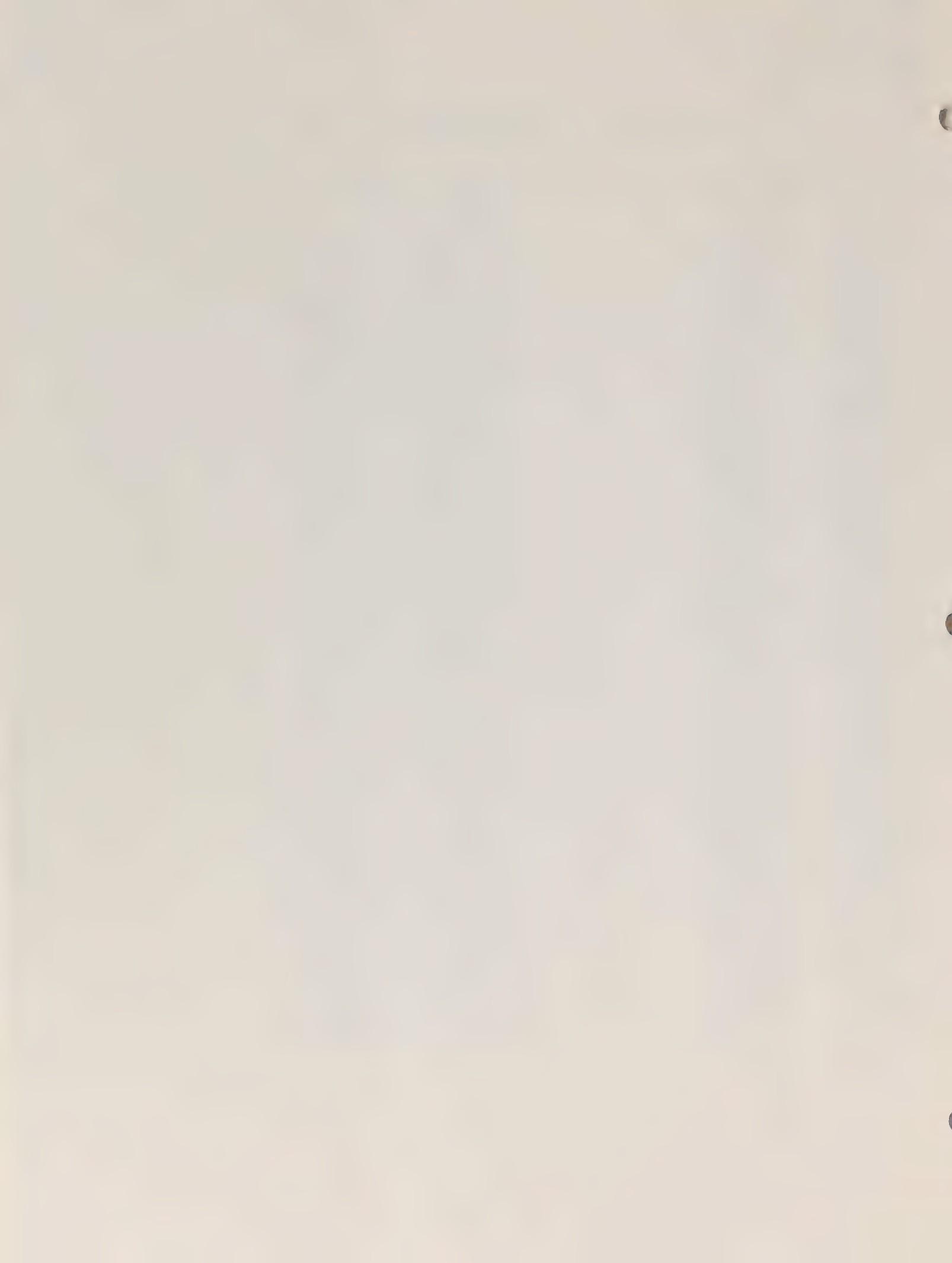
DATE OF JOB  
JANUARY 31-FEBRUARY 6, 1975

GAUGE/RUN: 11226  
145 MPT-H

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
32.970	461.002	14 33	FEB 01, 1975	
33.003	461.002	14 35	FEB 01, 1975	
33.037	461.002	14 37	FEB 01, 1975	
33.071	461.011	14 39	FEB 01, 1975	
33.105	461.026	14 41	FEB 01, 1975	
33.139	461.037	14 43	FEB 01, 1975	
33.173	461.037	14 45	FEB 01, 1975	
33.206	461.037	14 47	FEB 01, 1975	
33.240	461.049	14 49	FEB 01, 1975	
33.274	461.049	14 51	FEB 01, 1975	
33.308	461.049	14 53	FEB 01, 1975	
33.342	461.060	14 55	FEB 01, 1975	
33.375	461.060	14 58	FEB 01, 1975	
33.409	461.084	15 00	FEB 01, 1975	
33.443	461.084	15 02	FEB 01, 1975	
33.477	461.095	15 04	FEB 01, 1975	
33.511	461.095	15 06	FEB 01, 1975	
33.544	461.095	15 08	FEB 01, 1975	
33.578	461.107	15 10	FEB 01, 1975	
33.612	461.118	15 12	FEB 01, 1975	
33.646	461.142	15 14	FEB 01, 1975	
33.680	461.142	15 16	FEB 01, 1975	
33.714	461.142	15 18	FEB 01, 1975	
33.747	461.142	15 20	FEB 01, 1975	
33.781	461.153	15 22	FEB 01, 1975	
33.815	461.153	15 24	FEB 01, 1975	
33.849	461.153	15 26	FEB 01, 1975	
33.883	461.165	15 28	FEB 01, 1975	
33.916	461.165	15 30	FEB 01, 1975	
33.950	461.176	15 32	FEB 01, 1975	
33.984	461.188	15 34	FEB 01, 1975	
34.018	461.188	15 36	FEB 01, 1975	
34.052	461.188	15 38	FEB 01, 1975	
34.086	461.194	15 40	FEB 01, 1975	
34.119	461.199	15 42	FEB 01, 1975	
34.153	461.223	15 44	FEB 01, 1975	
34.187	461.234	15 46	FEB 01, 1975	
34.221	461.234	15 48	FEB 01, 1975	
34.255	461.245	15 50	FEB 01, 1975	
34.288	461.257	15 52	FEB 01, 1975	



JOB NUMBER  
SPG-11223-7

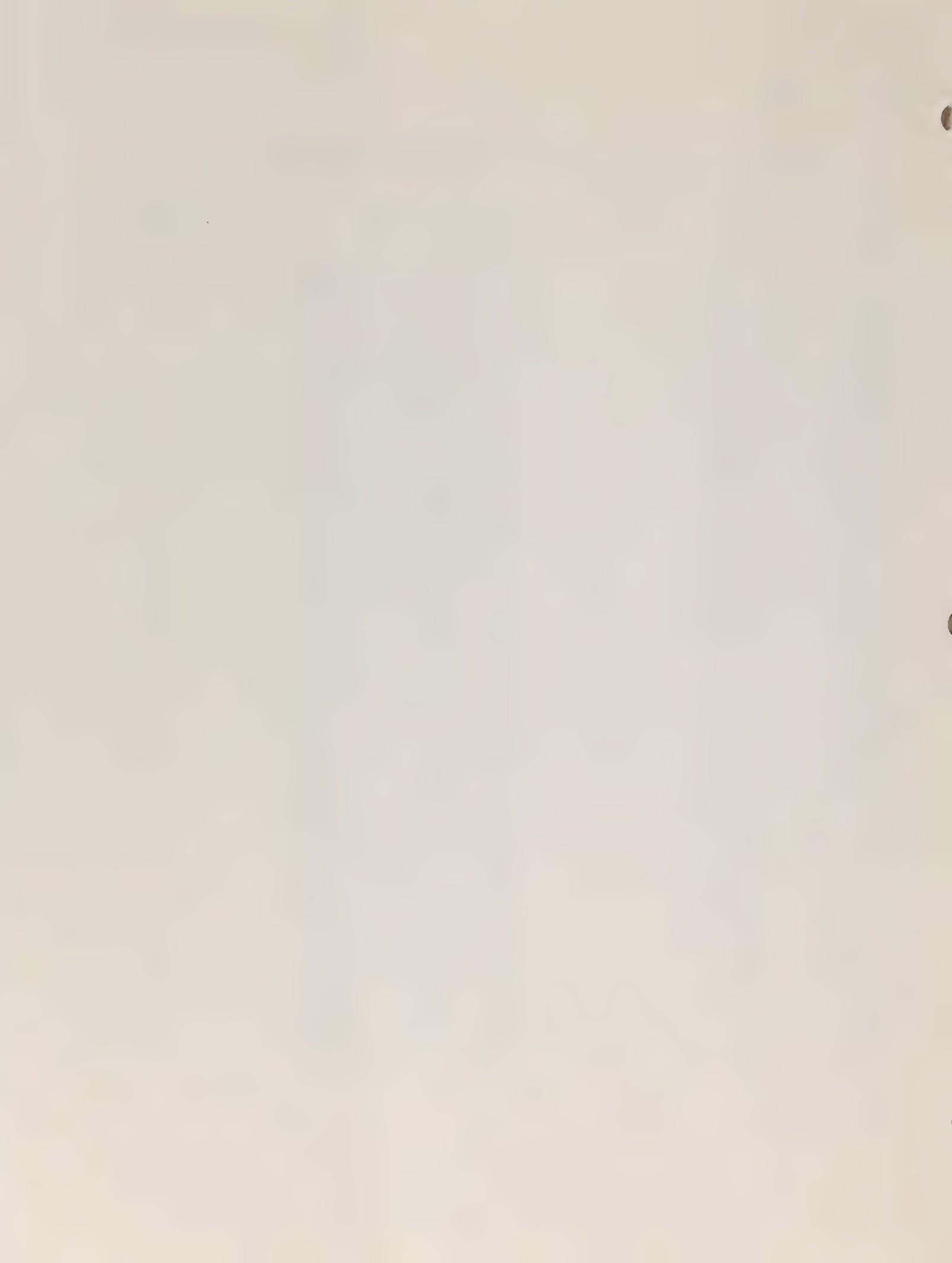
DATE OF JOB  
JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER  
145 MPT-H

DATE OF RUN

SPEERY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
34.322	461.257	15 54	FEB 01, 1975	
34.356	461.257	15 56	FEB 01, 1975	
34.390	461.257	15 58	FEB 01, 1975	
34.424	461.257	16 00	FEB 01, 1975	
34.457	461.259	16 02	FEB 01, 1975	
34.491	461.269	16 04	FEB 01, 1975	
34.525	461.292	16 07	FEB 01, 1975	
34.559	461.292	16 09	FEB 01, 1975	
34.593	461.292	16 11	FEB 01, 1975	
34.627	461.292	16 13	FEB 01, 1975	
34.660	461.304	16 15	FEB 01, 1975	
34.694	461.304	16 17	FEB 01, 1975	
34.728	461.315	16 19	FEB 01, 1975	
34.762	461.315	16 21	FEB 01, 1975	
34.796	461.315	16 23	FEB 01, 1975	
34.829	461.315	16 25	FEB 01, 1975	
34.863	461.327	16 27	FEB 01, 1975	
34.897	461.338	16 29	FEB 01, 1975	
34.931	461.338	16 31	FEB 01, 1975	
34.965	461.350	16 33	FEB 01, 1975	
34.999	461.350	16 35	FEB 01, 1975	
35.032	461.362	16 37	FEB 01, 1975	
35.066	461.350	16 39	FEB 01, 1975	
35.100	461.385	16 41	FEB 01, 1975	
35.134	461.373	16 43	FEB 01, 1975	
35.168	461.373	16 45	FEB 01, 1975	
35.201	461.408	16 47	FEB 01, 1975	
35.235	461.385	16 49	FEB 01, 1975	
35.269	461.403	16 51	FEB 01, 1975	
35.303	461.408	16 53	FEB 01, 1975	
35.337	461.420	16 55	FEB 01, 1975	
35.370	461.420	16 57	FEB 01, 1975	
35.404	461.431	16 59	FEB 01, 1975	
35.438	461.420	17 01	FEB 01, 1975	
35.472	461.443	17 03	FEB 01, 1975	
35.506	461.443	17 05	FEB 01, 1975	
35.540	461.443	17 07	FEB 01, 1975	
35.573	461.443	17 09	FEB 01, 1975	
35.607	461.454	17 11	FEB 01, 1975	
35.641	461.454	17 13	FEB 01, 1975	



JAN 31 1975  
SP6-1122-2

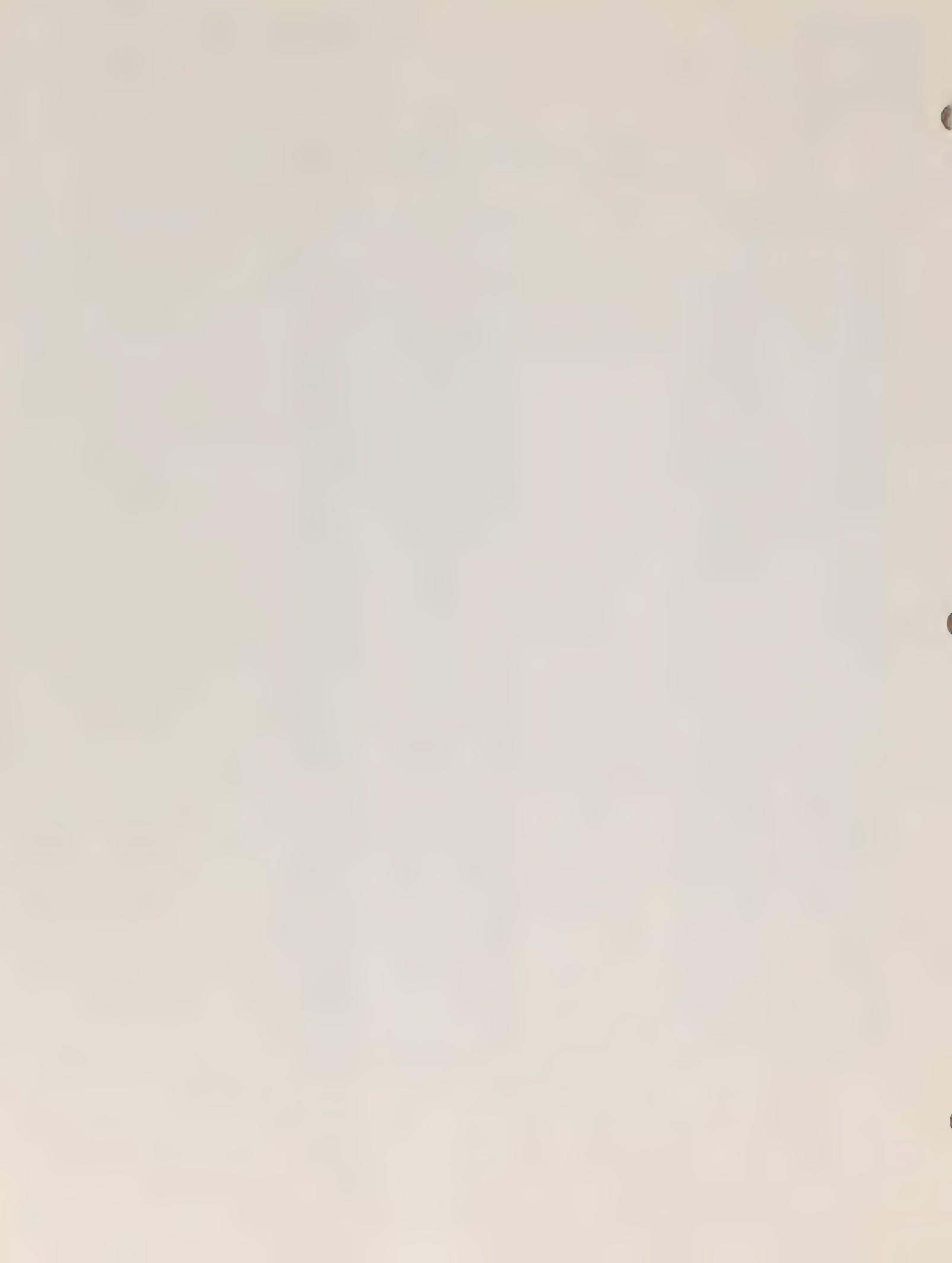
DATE OF JOB  
JANUARY 31-FEBRUARY 26, 1975

GAUGE ZONE: 1M6F12  
105 APT-2

DATE OF RUN

SPEERY-SUN  
PRECISION SURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
35.675	461.474	17 15	FEB 01, 1975	
35.700	461.474	17 18	FEB 01, 1975	
35.742	461.474	17 20	FEB 01, 1975	
35.775	461.476	17 22	FEB 01, 1975	
35.813	461.476	17 24	FEB 01, 1975	
35.844	461.476	17 26	FEB 01, 1975	
35.873	461.478	17 28	FEB 01, 1975	
35.912	461.479	17 30	FEB 01, 1975	
35.945	461.479	17 32	FEB 01, 1975	
35.970	461.479	17 34	FEB 01, 1975	
36.013	461.512	17 36	FEB 01, 1975	
36.047	461.501	17 38	FEB 01, 1975	
36.081	461.524	17 40	FEB 01, 1975	
36.114	461.524	17 42	FEB 01, 1975	
36.148	461.524	17 44	FEB 01, 1975	
36.182	461.524	17 46	FEB 01, 1975	
36.216	461.535	17 48	FEB 01, 1975	
36.250	461.535	17 50	FEB 01, 1975	
36.283	461.547	17 52	FEB 01, 1975	
36.317	461.547	17 54	FEB 01, 1975	
36.351	461.547	17 56	FEB 01, 1975	
36.385	461.547	17 58	FEB 01, 1975	
36.419	461.559	18 00	FEB 01, 1975	
36.453	461.559	18 02	FEB 01, 1975	
36.487	461.559	18 04	FEB 01, 1975	
36.521	461.559	18 06	FEB 01, 1975	
36.555	461.559	18 08	FEB 01, 1975	
36.589	461.570	18 10	FEB 01, 1975	
36.623	461.570	18 12	FEB 01, 1975	
36.657	461.570	18 14	FEB 01, 1975	
36.691	461.570	18 16	FEB 01, 1975	
36.725	461.582	18 18	FEB 01, 1975	
36.759	461.582	18 20	FEB 01, 1975	
36.793	461.593	18 22	FEB 01, 1975	
36.826	461.593	18 24	FEB 01, 1975	
36.860	461.593	18 26	FEB 01, 1975	
36.894	461.597	18 28	FEB 01, 1975	
36.928	461.597	18 30	FEB 01, 1975	
36.961	461.597	18 32	FEB 01, 1975	
36.995	461.597	18 34	FEB 01, 1975	



JOB NUMBER  
SPG-1122R-7

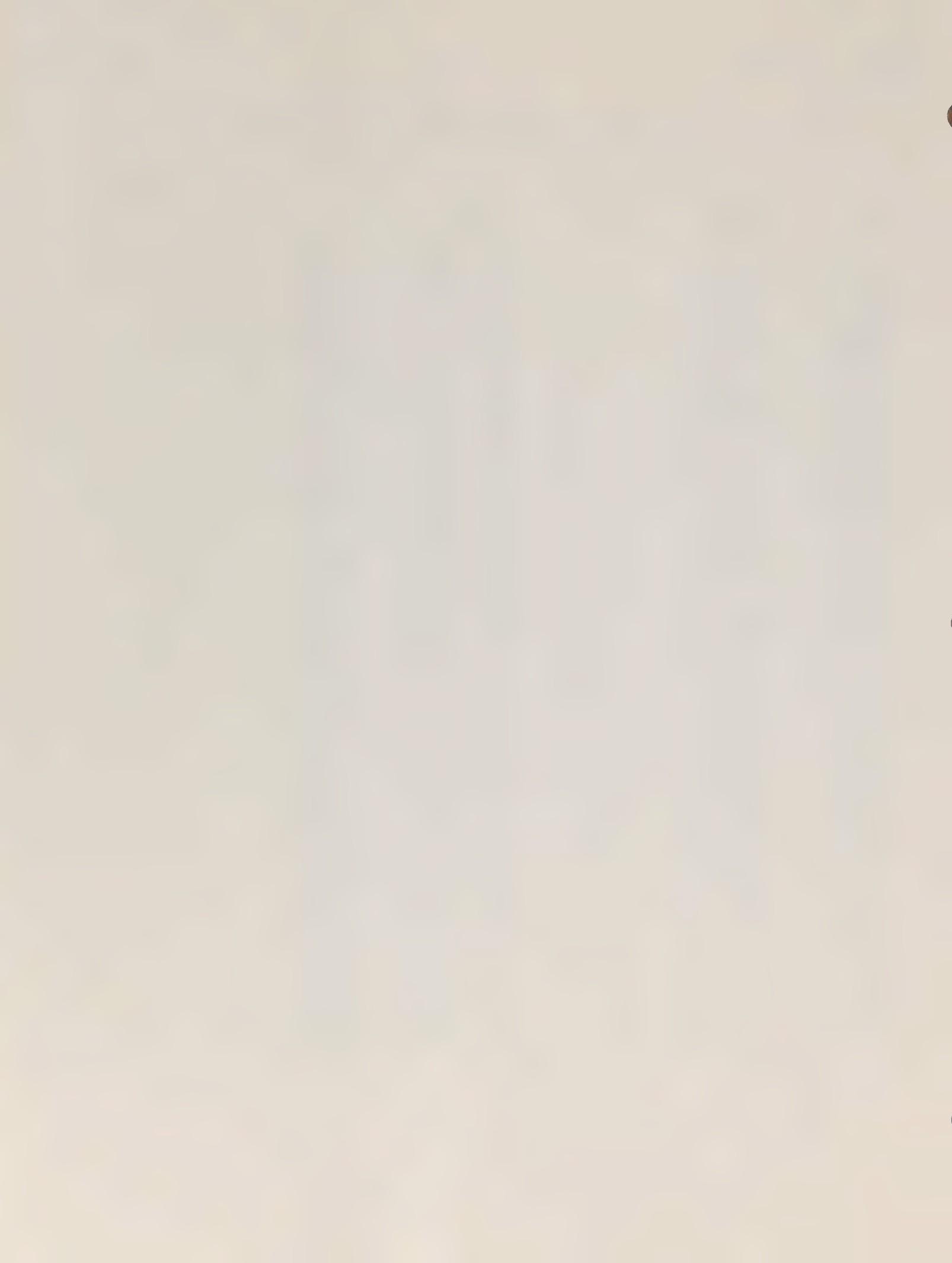
DATE OF JOB  
JANUARY 31-FEBRUARY 2, 1975

GAUGE ZONE NUMBER  
145 SPT-8

DATE OF RUN

SPIERRY-SIN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
37.027	461.617	18 37	FEB 01, 1975	
37.061	461.617	18 39	FEB 01, 1975	
37.035	461.617	18 41	FEB 01, 1975	
37.129	461.617	18 43	FEB 01, 1975	
37.163	461.617	18 45	FEB 01, 1975	
37.197	461.617	18 47	FEB 01, 1975	
37.230	461.628	18 49	FEB 01, 1975	
37.264	461.640	18 51	FEB 01, 1975	
37.298	461.640	18 53	FEB 01, 1975	
37.332	461.628	18 55	FEB 01, 1975	
37.366	461.651	18 57	FEB 01, 1975	
37.399	461.651	18 59	FEB 01, 1975	
37.433	461.651	19 01	FEB 01, 1975	
37.467	461.640	19 03	FEB 01, 1975	
37.501	461.640	19 05	FEB 01, 1975	
37.535	461.651	19 07	FEB 01, 1975	
37.568	461.651	19 09	FEB 01, 1975	
37.602	461.663	19 11	FEB 01, 1975	
37.636	461.663	19 13	FEB 01, 1975	
37.670	461.674	19 15	FEB 01, 1975	
37.704	461.663	19 17	FEB 01, 1975	
37.738	461.674	19 19	FEB 01, 1975	
37.771	461.686	19 21	FEB 01, 1975	
37.805	461.709	19 23	FEB 01, 1975	
37.839	461.698	19 25	FEB 01, 1975	
37.873	461.709	19 27	FEB 01, 1975	
37.907	461.709	19 29	FEB 01, 1975	
37.940	461.709	19 31	FEB 01, 1975	
37.974	461.721	19 33	FEB 01, 1975	
38.008	461.721	19 35	FEB 01, 1975	
38.042	461.721	19 38	FEB 01, 1975	
38.076	461.709	19 40	FEB 01, 1975	
38.110	461.732	19 42	FEB 01, 1975	
38.144	461.732	19 44	FEB 01, 1975	
38.177	461.709	19 46	FEB 01, 1975	
38.211	461.709	19 48	FEB 01, 1975	
38.245	461.721	19 50	FEB 01, 1975	
38.279	461.721	19 52	FEB 01, 1975	
38.312	461.721	19 54	FEB 01, 1975	
38.346	461.719	19 56	FEB 01, 1975	



JOB NUMBER  
SPG-112267

DATE OF JOB  
JANUARY 31-FEBRUARY 26, 1975

GAUGE/ZERO METER  
145 MPT--

DATE OF RUN

SPEERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE READING

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
38.387	461.756	19 58	FEB 01, 1975	
38.411	461.732	20 00	FEB 01, 1975	
38.425	461.720	20 02	FEB 01, 1975	
38.441	461.756	20 04	FEB 01, 1975	
38.515	461.720	20 06	FEB 01, 1975	
38.540	461.756	20 08	FEB 01, 1975	
38.583	461.756	20 10	FEB 01, 1975	
38.617	461.756	20 12	FEB 01, 1975	
38.651	461.756	20 14	FEB 01, 1975	
38.684	461.774	20 16	FEB 01, 1975	
38.887	461.756	20 28	FEB 01, 1975	
38.921	461.767	20 30	FEB 01, 1975	
38.955	461.774	20 32	FEB 01, 1975	
38.989	461.790	20 34	FEB 01, 1975	
39.022	461.767	20 36	FEB 01, 1975	
39.056	461.790	20 38	FEB 01, 1975	
39.090	461.802	20 40	FEB 01, 1975	
39.124	461.802	20 42	FEB 01, 1975	
39.158	461.790	20 44	FEB 01, 1975	
39.192	461.802	20 46	FEB 01, 1975	
39.225	461.802	20 49	FEB 01, 1975	
39.259	461.802	20 51	FEB 01, 1975	
39.293	461.802	20 53	FEB 01, 1975	
39.327	461.802	20 55	FEB 01, 1975	
39.361	461.814	20 57	FEB 01, 1975	
39.394	461.825	20 59	FEB 01, 1975	
39.428	461.825	21 01	FEB 01, 1975	
39.462	461.814	21 03	FEB 01, 1975	
39.496	461.825	21 05	FEB 01, 1975	
39.530	461.825	21 07	FEB 01, 1975	
39.564	461.825	21 09	FEB 01, 1975	
39.597	461.825	21 11	FEB 01, 1975	
39.631	461.837	21 13	FEB 01, 1975	
39.665	461.837	21 15	FEB 01, 1975	
39.698	461.837	21 17	FEB 01, 1975	
39.732	461.830	21 19	FEB 01, 1975	
39.766	461.830	21 21	FEB 01, 1975	
39.800	461.830	21 23	FEB 01, 1975	
39.834	461.830	21 25	FEB 01, 1975	
39.868	461.830	21 27	FEB 01, 1975	



JOB NUMBER  
SPG-1122A-7

DATE OF JOB  
JANUARY 31-FEBRUARY 2, 1975

GAUGE/REEL NUMBER  
145 MPT-R

DATE OF RBN

SEARRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE RECORD

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
39.902	461.560	21 29	FEB 01, 1975	
39.936	461.571	21 31	FEB 01, 1975	
39.962	461.571	21 33	FEB 01, 1975	
40.003	461.571	21 35	FEB 01, 1975	
40.037	461.571	21 37	FEB 01, 1975	
40.071	461.571	21 39	FEB 01, 1975	
40.105	461.571	21 41	FEB 01, 1975	
40.138	461.593	21 43	FEB 01, 1975	
40.172	461.571	21 45	FEB 01, 1975	
40.206	461.593	21 47	FEB 01, 1975	
40.240	461.595	21 49	FEB 01, 1975	
40.274	461.595	21 51	FEB 01, 1975	
40.307	461.595	21 53	FEB 01, 1975	
40.341	461.595	21 55	FEB 01, 1975	
40.375	461.595	21 58	FEB 01, 1975	
40.409	461.595	22 00	FEB 01, 1975	
40.443	461.506	22 02	FEB 01, 1975	
40.477	461.506	22 04	FEB 01, 1975	
40.510	461.506	22 06	FEB 01, 1975	
40.544	461.518	22 08	FEB 01, 1975	
40.578	461.529	22 10	FEB 01, 1975	
40.612	461.506	22 12	FEB 01, 1975	
40.646	461.518	22 14	FEB 01, 1975	
40.679	461.518	22 16	FEB 01, 1975	
40.713	461.518	22 18	FEB 01, 1975	
40.747	461.529	22 20	FEB 01, 1975	
40.781	461.518	22 22	FEB 01, 1975	
40.815	461.529	22 24	FEB 01, 1975	
40.849	461.529	22 26	FEB 01, 1975	
40.882	461.529	22 28	FEB 01, 1975	
40.916	461.529	22 30	FEB 01, 1975	
40.950	461.553	22 32	FEB 01, 1975	
40.984	461.564	22 34	FEB 01, 1975	
41.018	461.564	22 36	FEB 01, 1975	
41.051	461.553	22 38	FEB 01, 1975	
41.085	461.564	22 40	FEB 01, 1975	
41.119	461.564	22 42	FEB 01, 1975	
41.153	461.564	22 44	FEB 01, 1975	
41.187	461.564	22 46	FEB 01, 1975	
41.221	461.564	22 48	FEB 01, 1975	



JOB NUMBER  
SPG-11228-7

DATE OF JOB  
JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER  
145 MPT-R

DATE OF RUN

SPERRY-SIN  
PREFILTER SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	CONTENTS
41.254	461.976	22 50	FEB 01, 1975	
41.288	461.976	22 52	FEB 01, 1975	
41.322	461.976	22 54	FEB 01, 1975	
41.356	461.976	22 56	FEB 01, 1975	
41.390	461.977	22 58	FEB 01, 1975	
41.423	461.977	23 00	FEB 01, 1975	
41.457	461.977	23 02	FEB 01, 1975	
41.491	461.977	23 04	FEB 01, 1975	
41.525	461.977	23 06	FEB 01, 1975	
41.559	462.010	23 09	FEB 01, 1975	
41.592	462.010	23 11	FEB 01, 1975	
41.626	462.010	23 13	FEB 01, 1975	
41.660	462.010	23 15	FEB 01, 1975	
41.694	462.010	23 17	FEB 01, 1975	
41.728	462.010	23 19	FEB 01, 1975	
41.762	462.022	23 21	FEB 01, 1975	
41.795	462.034	23 23	FEB 01, 1975	
41.829	462.022	23 25	FEB 01, 1975	
41.863	462.022	23 27	FEB 01, 1975	
41.897	462.022	23 29	FEB 01, 1975	
41.931	462.045	23 31	FEB 01, 1975	
41.964	462.045	23 33	FEB 01, 1975	
41.998	462.022	23 35	FEB 01, 1975	
42.032	462.034	23 37	FEB 01, 1975	
42.066	462.034	23 39	FEB 01, 1975	
42.100	462.045	23 41	FEB 01, 1975	
42.133	462.045	23 43	FEB 01, 1975	
42.167	462.045	23 45	FEB 01, 1975	
42.201	462.045	23 47	FEB 01, 1975	
42.235	462.045	23 49	FEB 01, 1975	
42.269	462.045	23 51	FEB 01, 1975	
42.303	462.045	23 53	FEB 01, 1975	
42.336	462.057	23 55	FEB 01, 1975	
42.370	462.057	23 57	FEB 01, 1975	
42.404	462.057	23 59	FEB 01, 1975	
42.438	462.057	00 01	FEB 02, 1975	
42.472	462.057	00 03	FEB 02, 1975	
42.506	462.057	00 05	FEB 02, 1975	
42.539	462.057	00 07	FEB 02, 1975	
42.573	462.050	00 09	FEB 02, 1975	



JOB NUMBER  
SPG-1122A-7

DATE OF JOB  
JANUARY 31-FEBRUARY 2, 1975

GAUGE/HTM: 11M5F4  
145 MPT-A

DATE OF RUN

SPIERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTIA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
42.607	462.031	00	11 FEB 02, 1975	
42.641	462.030	00	13 FEB 02, 1975	
42.675	462.030	00	15 FEB 02, 1975	
42.709	462.030	00	18 FEB 02, 1975	
42.742	462.030	00	21 FEB 02, 1975	
42.776	462.030	00	22 FEB 02, 1975	
42.810	462.030	00	24 FEB 02, 1975	
42.844	462.030	00	26 FEB 02, 1975	
42.877	462.030	00	28 FEB 02, 1975	
42.911	462.030	00	30 FEB 02, 1975	
42.945	462.030	00	32 FEB 02, 1975	
42.979	462.030	00	34 FEB 02, 1975	
43.013	462.032	00	36 FEB 02, 1975	
43.046	462.032	00	38 FEB 02, 1975	
43.080	462.032	00	40 FEB 02, 1975	
43.114	462.032	00	42 FEB 02, 1975	
43.148	462.032	00	44 FEB 02, 1975	
43.182	462.032	00	46 FEB 02, 1975	
43.216	462.103	00	48 FEB 02, 1975	
43.249	462.103	00	50 FEB 02, 1975	
43.283	462.103	00	52 FEB 02, 1975	LAST DEEL ON
43.317	462.115	00	54 FEB 02, 1975	CHART AT THE
43.351	462.126	00	56 FEB 02, 1975	TIME OF 0058
43.385	462.126	00	58 FEB 02, 1975	2-2-75

1250 PRINTS REQUIRED THIS RUN

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JOB NUMBER  
SPG-11228-7

DATE OF JOB  
JANUARY 31-FEBRUARY 2, 1975

MPT # 8

SPERRY-SON  
PRECISION SURFACE PRESSURE GAUGE REPORT  
PREPARED FOR  
ATLANTIC RICHFIELD COMPANY

WELL NUMBER SG-1  
FIELD/LEASE SORGHUM GULCH  
COUNTY/PARISH RIO BLANCO  
STATE COLORADO  
TYPE OF TEST MPT  
REFERENCE ELEV GROUND ELEVATION

ADDITIONAL INFORMATION

GAUGE NO. 140 WITH 500 PSI ELEMENT BOTTOM GAUGE

GAUGE DEPTH 1194 FEET

ZONE FOR GAUGE NO. 140 1188 FT=2522 FT

INITIAL HYDROSTATIC 482.171 PST

LAST NULL ON CHART 488.810 PSI

GROUND ELEVATION 6428 FEET

PACKER DEPTHS THIS TEST 1123 FT AND 1188 FT TD=2522 FT

1297 POINTS REPORTED THIS JOB

PAGE 1 OF 34 PAGES



JOB NUMBER  
SPG-1122B-7

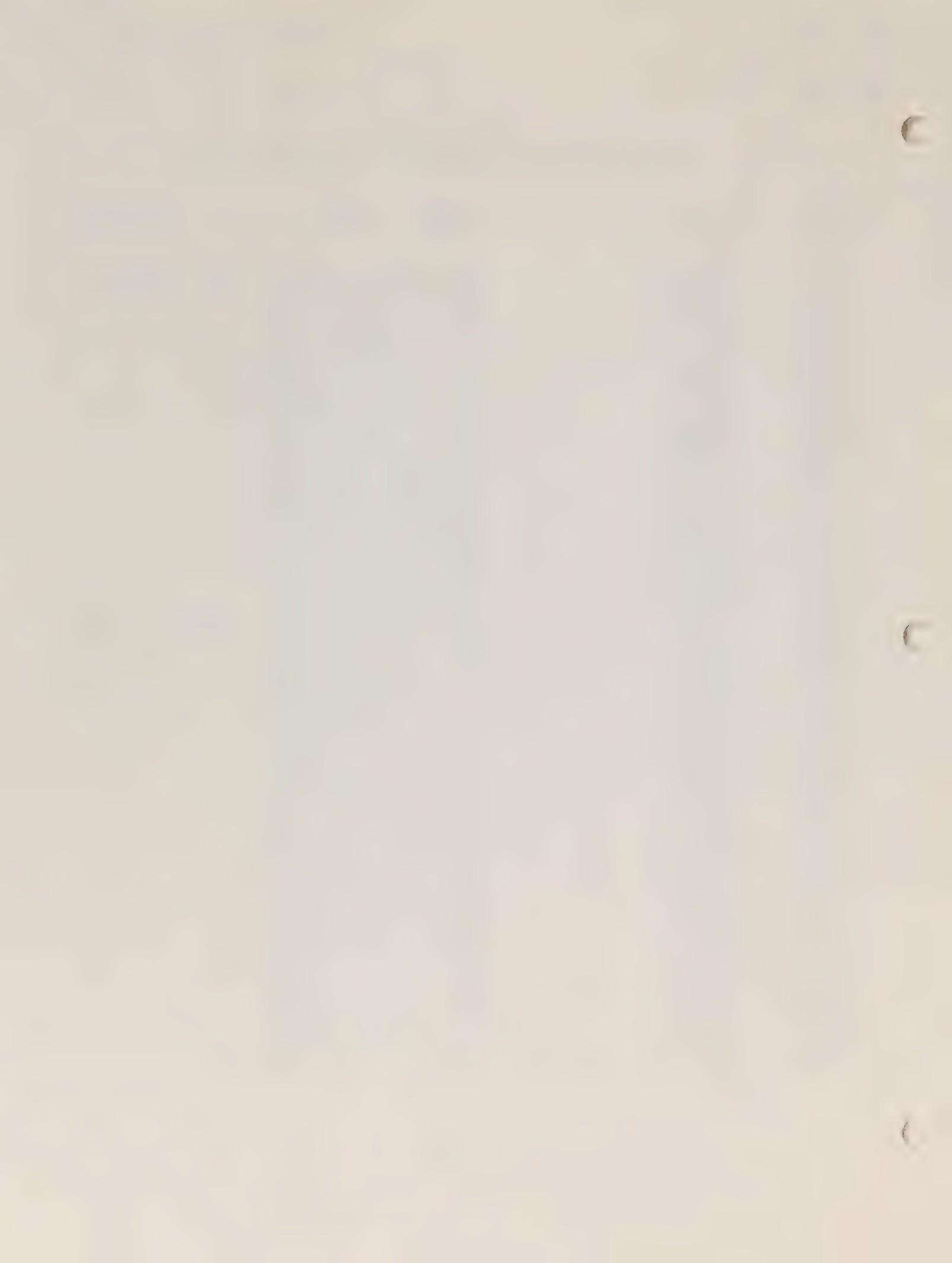
DATE OF JOB  
JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER  
140 MPT-B

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PST)	TIME	DATE	COMMENTS
		HR MIN		
0.000	487.763	05 35	JAN 31, 1975	SET PACKERS
0.033	488.051	05 37	JAN 31, 1975	
0.067	488.189	05 39	JAN 31, 1975	
0.100	488.259	05 41	JAN 31, 1975	
0.133	488.281	05 43	JAN 31, 1975	
0.167	488.258	05 45	JAN 31, 1975	
0.200	488.292	05 47	JAN 31, 1975	
0.233	488.269	05 49	JAN 31, 1975	
0.267	488.292	05 51	JAN 31, 1975	
0.300	488.258	05 53	JAN 31, 1975	
0.333	488.258	05 55	JAN 31, 1975	
0.367	488.269	05 57	JAN 31, 1975	
0.400	488.258	05 59	JAN 31, 1975	
0.433	488.235	06 01	JAN 31, 1975	
0.467	488.258	06 03	JAN 31, 1975	
0.500	488.442	06 05	JAN 31, 1975	
0.533	488.384	06 07	JAN 31, 1975	
0.567	488.361	06 09	JAN 31, 1975	
0.600	488.373	06 11	JAN 31, 1975	START JETTING
0.633	488.338	06 13	JAN 31, 1975	
0.667	488.361	06 15	JAN 31, 1975	
0.700	488.350	06 17	JAN 31, 1975	
0.733	488.361	06 19	JAN 31, 1975	
0.767	488.373	06 21	JAN 31, 1975	
0.800	488.373	06 23	JAN 31, 1975	
0.833	488.419	06 25	JAN 31, 1975	
0.867	488.396	06 27	JAN 31, 1975	
0.900	488.407	06 29	JAN 31, 1975	
0.933	488.407	06 31	JAN 31, 1975	
0.967	488.384	06 33	JAN 31, 1975	
1.000	488.396	06 35	JAN 31, 1975	
1.033	488.396	06 37	JAN 31, 1975	
1.067	488.361	06 39	JAN 31, 1975	
1.100	488.361	06 41	JAN 31, 1975	
1.133	488.361	06 43	JAN 31, 1975	
1.167	488.361	06 45	JAN 31, 1975	
1.200	488.373	06 47	JAN 31, 1975	
1.233	488.373	06 49	JAN 31, 1975	
1.267	488.373	06 51	JAN 31, 1975	
1.300	488.384	06 53	JAN 31, 1975	



JOB NUMBER  
SPG-11228-7

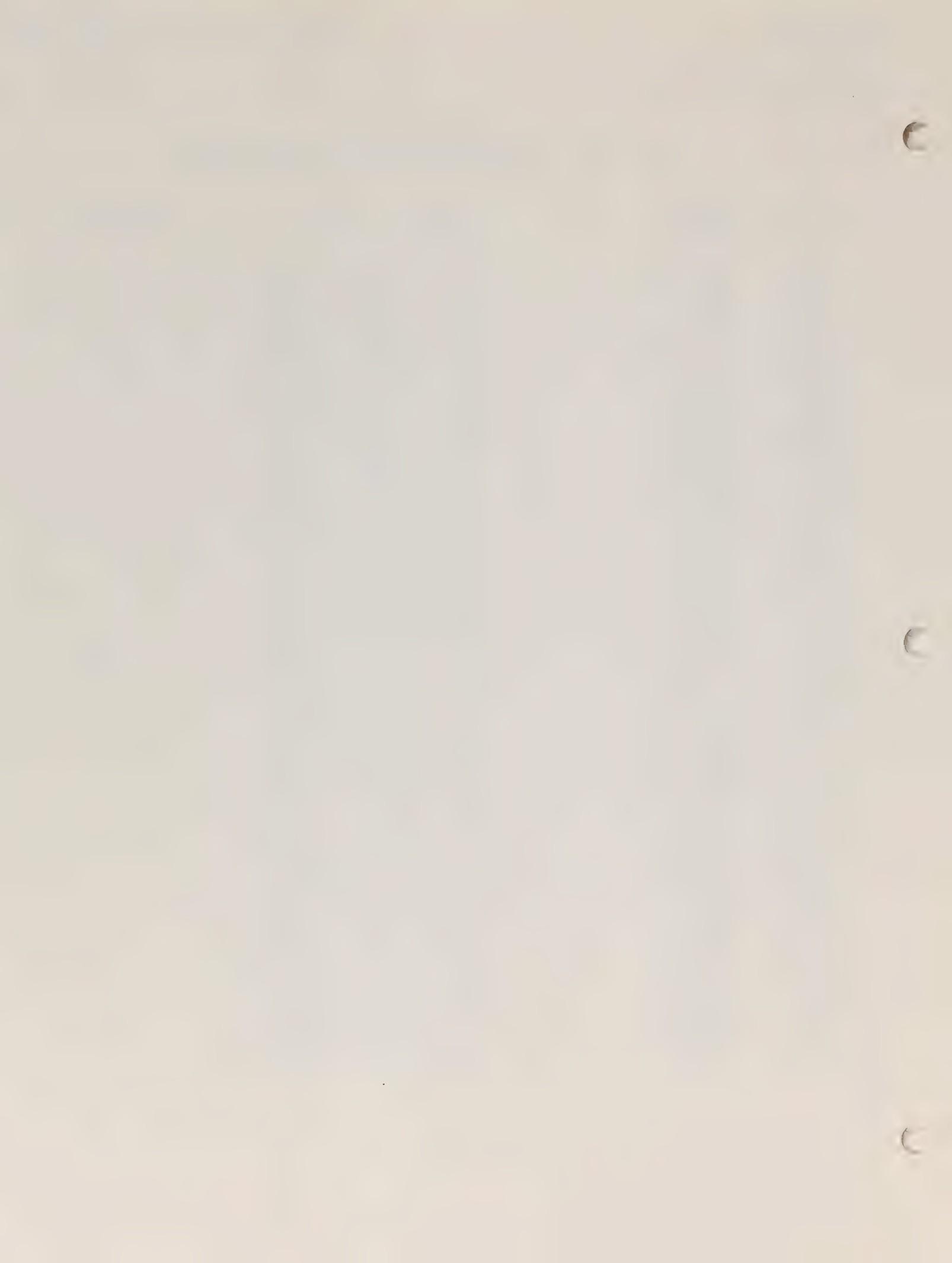
DATE OF JOB  
JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER  
140 MPT-8

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
1.333	488.361	06 55	JAN 31, 1975	
1.367	488.361	06 57	JAN 31, 1975	
1.400	488.361	06 59	JAN 31, 1975	
1.433	488.361	07 01	JAN 31, 1975	
1.467	488.373	07 03	JAN 31, 1975	
1.500	488.361	07 05	JAN 31, 1975	
1.533	488.373	07 07	JAN 31, 1975	
1.567	488.350	07 09	JAN 31, 1975	
1.600	488.350	07 11	JAN 31, 1975	
1.633	488.327	07 13	JAN 31, 1975	
1.667	488.327	07 15	JAN 31, 1975	
1.700	488.281	07 17	JAN 31, 1975	
1.733	488.338	07 19	JAN 31, 1975	
1.767	488.327	07 21	JAN 31, 1975	
1.800	488.338	07 23	JAN 31, 1975	
1.833	488.350	07 25	JAN 31, 1975	
1.867	488.350	07 27	JAN 31, 1975	
1.900	488.327	07 29	JAN 31, 1975	
1.933	488.338	07 31	JAN 31, 1975	
1.967	488.327	07 33	JAN 31, 1975	
2.000	488.315	07 35	JAN 31, 1975	
2.033	488.338	07 37	JAN 31, 1975	
2.067	488.338	07 39	JAN 31, 1975	
2.100	488.327	07 41	JAN 31, 1975	
2.133	488.350	07 43	JAN 31, 1975	
2.167	488.327	07 45	JAN 31, 1975	
2.200	488.327	07 47	JAN 31, 1975	
2.233	488.315	07 49	JAN 31, 1975	
2.267	488.258	07 51	JAN 31, 1975	
2.300	488.338	07 53	JAN 31, 1975	
2.333	488.350	07 55	JAN 31, 1975	
2.367	488.315	07 57	JAN 31, 1975	
2.400	488.304	07 59	JAN 31, 1975	
2.433	488.304	08 01	JAN 31, 1975	
2.467	488.304	08 03	JAN 31, 1975	
2.500	488.292	08 05	JAN 31, 1975	
2.533	488.281	08 07	JAN 31, 1975	
2.567	488.304	08 09	JAN 31, 1975	
2.600	488.304	08 11	JAN 31, 1975	
2.633	488.281	08 13	JAN 31, 1975	



JOB NUMBER  
SPG-11228-7

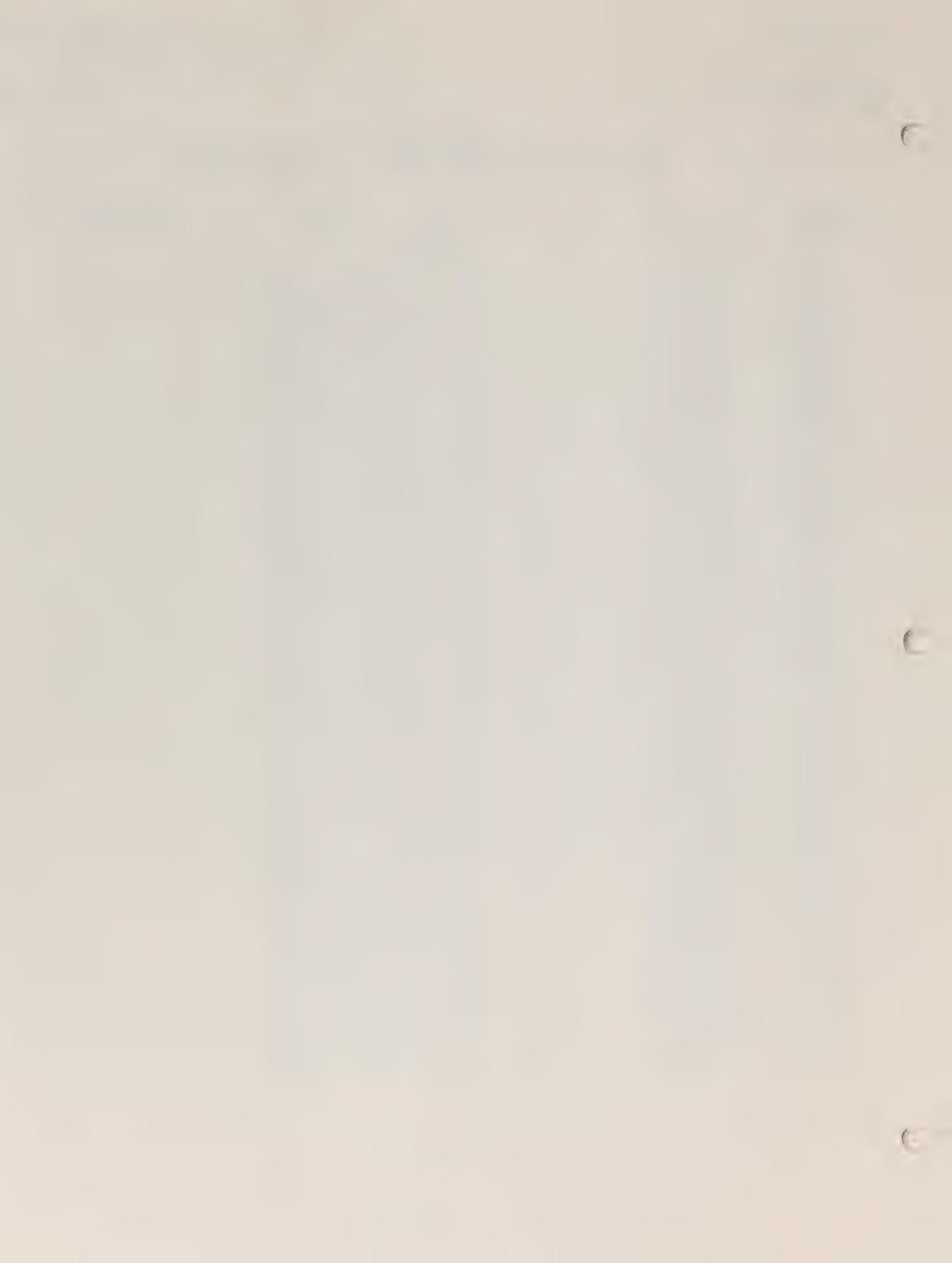
DATE OF JOB  
ANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER  
140 MPT-R

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PST)	TIME	DATE	COMMENTS
		HR MIN		
2.667	488.281	09	15 JAN 31, 1975	
2.700	488.304	08	17 JAN 31, 1975	
2.733	488.292	08	19 JAN 31, 1975	
2.767	488.292	08	21 JAN 31, 1975	
2.800	488.304	08	23 JAN 31, 1975	
2.833	488.292	08	25 JAN 31, 1975	
2.867	488.304	08	27 JAN 31, 1975	
2.900	488.281	08	29 JAN 31, 1975	
2.933	488.269	08	31 JAN 31, 1975	
2.967	488.258	08	33 JAN 31, 1975	
3.000	488.269	08	35 JAN 31, 1975	
3.033	488.258	08	37 JAN 31, 1975	
3.067	488.261	08	39 JAN 31, 1975	
3.100	488.269	08	41 JAN 31, 1975	
3.133	488.281	08	43 JAN 31, 1975	
3.167	488.246	08	45 JAN 31, 1975	
3.200	488.258	08	47 JAN 31, 1975	
3.233	488.281	08	49 JAN 31, 1975	
3.267	488.258	08	51 JAN 31, 1975	
3.300	488.292	08	53 JAN 31, 1975	
3.333	488.292	08	55 JAN 31, 1975	
3.367	488.269	08	57 JAN 31, 1975	
3.400	488.269	08	59 JAN 31, 1975	
3.433	488.269	09	01 JAN 31, 1975	
3.467	488.269	09	03 JAN 31, 1975	
3.500	488.269	09	05 JAN 31, 1975	
3.533	488.269	09	07 JAN 31, 1975	
3.567	488.269	09	09 JAN 31, 1975	
3.600	488.269	09	11 JAN 31, 1975	
3.633	488.269	09	13 JAN 31, 1975	
3.667	488.258	09	15 JAN 31, 1975	
3.700	488.269	09	17 JAN 31, 1975	
3.733	488.235	09	19 JAN 31, 1975	
3.767	488.235	09	21 JAN 31, 1975	
3.800	488.246	09	23 JAN 31, 1975	
3.833	488.246	09	25 JAN 31, 1975	
3.867	488.235	09	27 JAN 31, 1975	
3.900	488.223	09	29 JAN 31, 1975	
3.933	488.269	09	31 JAN 31, 1975	
3.967	488.235	09	33 JAN 31, 1975	

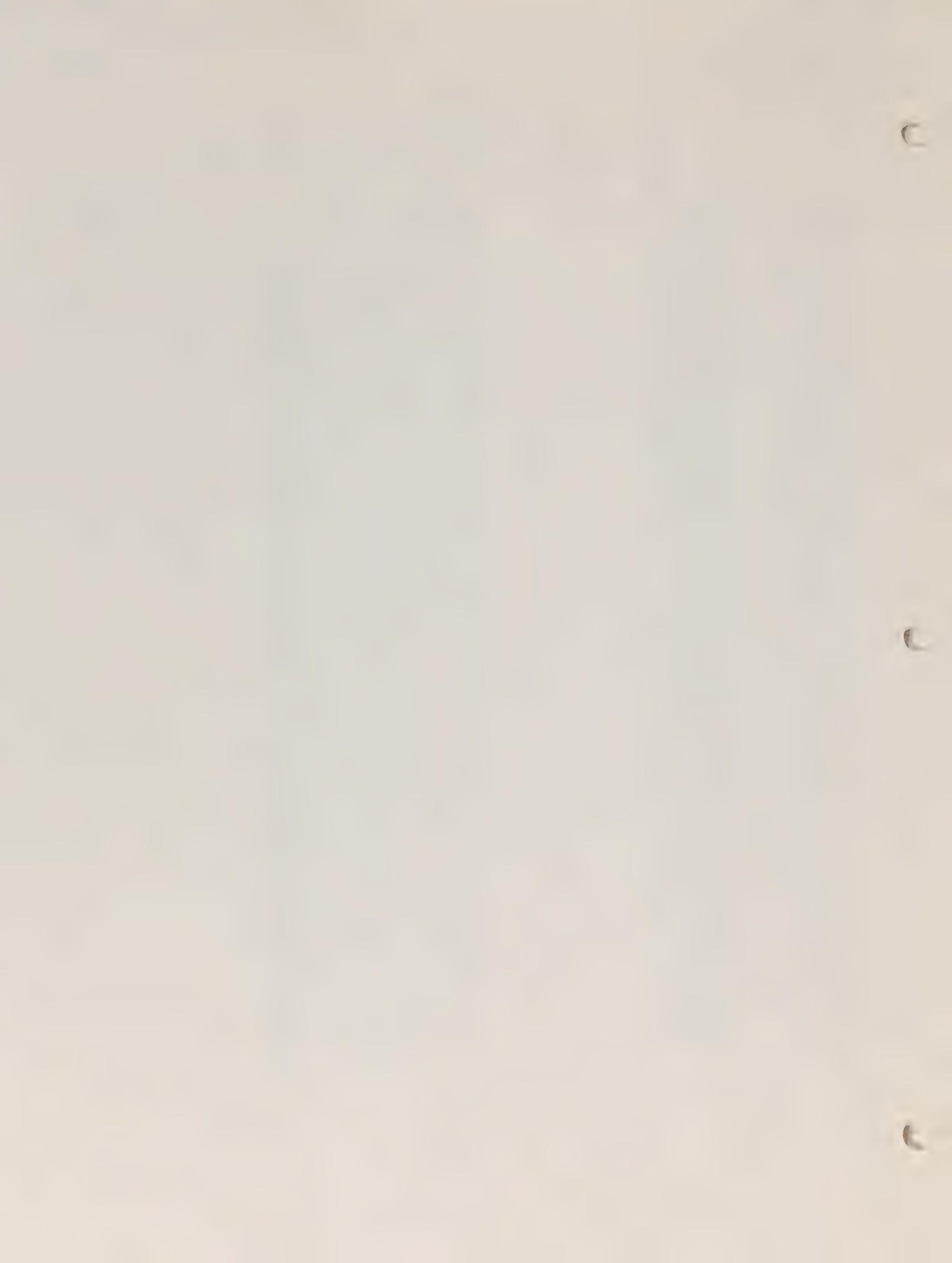


GAUGE/RUN NUMBER  
140 MPT-A

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELT A TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
4.000	488.235	09 35	JAN 31, 1975	
4.033	488.223	09 37	JAN 31, 1975	
4.067	488.246	09 39	JAN 31, 1975	
4.100	488.223	09 41	JAN 31, 1975	
4.133	488.235	09 43	JAN 31, 1975	
4.167	488.235	09 45	JAN 31, 1975	
4.200	488.235	09 47	JAN 31, 1975	
4.233	488.223	09 49	JAN 31, 1975	
4.267	488.223	09 51	JAN 31, 1975	
4.300	488.223	09 53	JAN 31, 1975	
4.333	488.235	09 55	JAN 31, 1975	
4.367	488.200	09 57	JAN 31, 1975	
4.400	488.189	09 59	JAN 31, 1975	
4.433	488.235	10 01	JAN 31, 1975	
4.467	488.200	10 03	JAN 31, 1975	
4.500	488.246	10 05	JAN 31, 1975	
4.533	488.223	10 07	JAN 31, 1975	
4.567	488.166	10 09	JAN 31, 1975	
4.600	488.223	10 11	JAN 31, 1975	
4.633	488.223	10 13	JAN 31, 1975	
4.667	488.235	10 15	JAN 31, 1975	
4.700	488.223	10 17	JAN 31, 1975	
4.733	488.235	10 19	JAN 31, 1975	
4.767	488.223	10 21	JAN 31, 1975	
4.800	488.177	10 23	JAN 31, 1975	
4.833	488.223	10 25	JAN 31, 1975	
4.867	488.258	10 27	JAN 31, 1975	
4.900	488.223	10 29	JAN 31, 1975	
4.933	488.235	10 31	JAN 31, 1975	
4.967	488.235	10 33	JAN 31, 1975	
5.000	488.143	10 35	JAN 31, 1975	
5.033	488.235	10 37	JAN 31, 1975	
5.067	488.223	10 39	JAN 31, 1975	
5.100	488.223	10 41	JAN 31, 1975	
5.133	488.235	10 43	JAN 31, 1975	
5.167	488.258	10 45	JAN 31, 1975	
5.200	488.235	10 47	JAN 31, 1975	
5.233	488.235	10 49	JAN 31, 1975	
5.267	488.235	10 51	JAN 31, 1975	
5.300	488.223	10 53	JAN 31, 1975	



JOB NUMBER  
SPG-11228-7

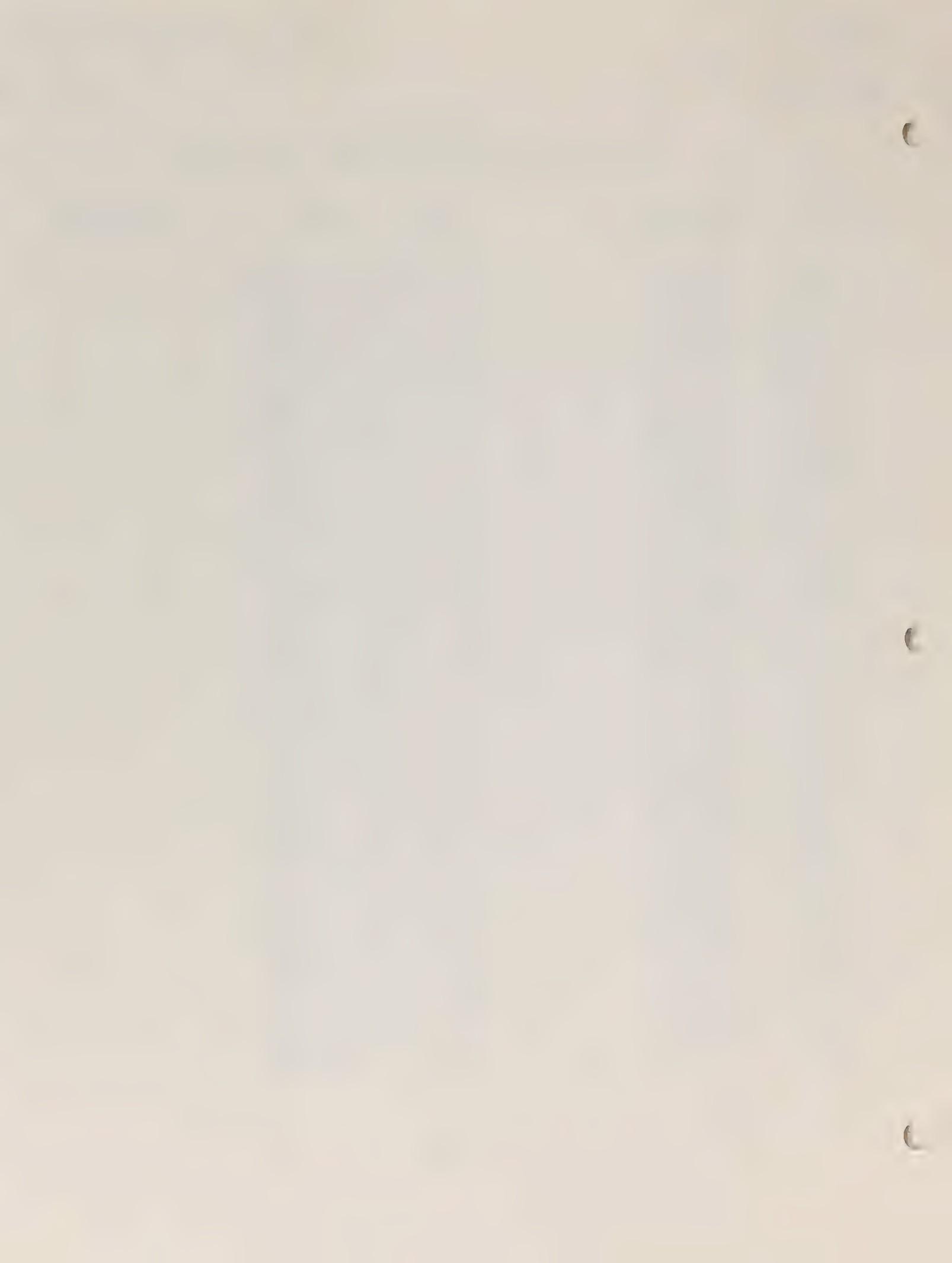
DATE OF JOB  
JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER  
140 MET-6

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PST)	TIME HR MIN	DATE	COMMENTS
5.333	488.258	10 55	JAN 31, 1975	
5.367	488.223	10 57	JAN 31, 1975	
5.400	488.235	10 59	JAN 31, 1975	
5.433	488.223	11 01	JAN 31, 1975	
5.467	488.212	11 03	JAN 31, 1975	
5.500	488.212	11 05	JAN 31, 1975	
5.533	488.212	11 07	JAN 31, 1975	
5.567	488.212	11 09	JAN 31, 1975	
5.600	488.212	11 11	JAN 31, 1975	
5.633	488.200	11 13	JAN 31, 1975	
5.667	488.200	11 15	JAN 31, 1975	
5.700	488.154	11 17	JAN 31, 1975	
5.733	488.200	11 19	JAN 31, 1975	
5.767	488.200	11 21	JAN 31, 1975	
5.800	488.200	11 23	JAN 31, 1975	
5.833	488.212	11 25	JAN 31, 1975	
5.867	488.200	11 27	JAN 31, 1975	
5.900	488.200	11 29	JAN 31, 1975	
5.933	488.223	11 31	JAN 31, 1975	
5.967	488.200	11 33	JAN 31, 1975	
6.000	488.200	11 35	JAN 31, 1975	
6.033	488.212	11 37	JAN 31, 1975	
6.067	488.200	11 39	JAN 31, 1975	
6.100	488.200	11 41	JAN 31, 1975	
6.133	488.189	11 43	JAN 31, 1975	
6.167	488.212	11 45	JAN 31, 1975	
6.200	488.200	11 47	JAN 31, 1975	
6.233	488.212	11 49	JAN 31, 1975	
6.267	488.212	11 51	JAN 31, 1975	
6.300	488.212	11 53	JAN 31, 1975	
6.333	488.212	11 55	JAN 31, 1975	
6.367	488.223	11 57	JAN 31, 1975	
6.400	488.235	11 59	JAN 31, 1975	
6.433	488.235	12 01	JAN 31, 1975	
6.467	488.223	12 03	JAN 31, 1975	
6.500	488.246	12 05	JAN 31, 1975	
6.533	488.235	12 07	JAN 31, 1975	
6.567	488.235	12 09	JAN 31, 1975	
6.600	488.223	12 11	JAN 31, 1975	
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JOB NUMBER  
SPG-1122R-7

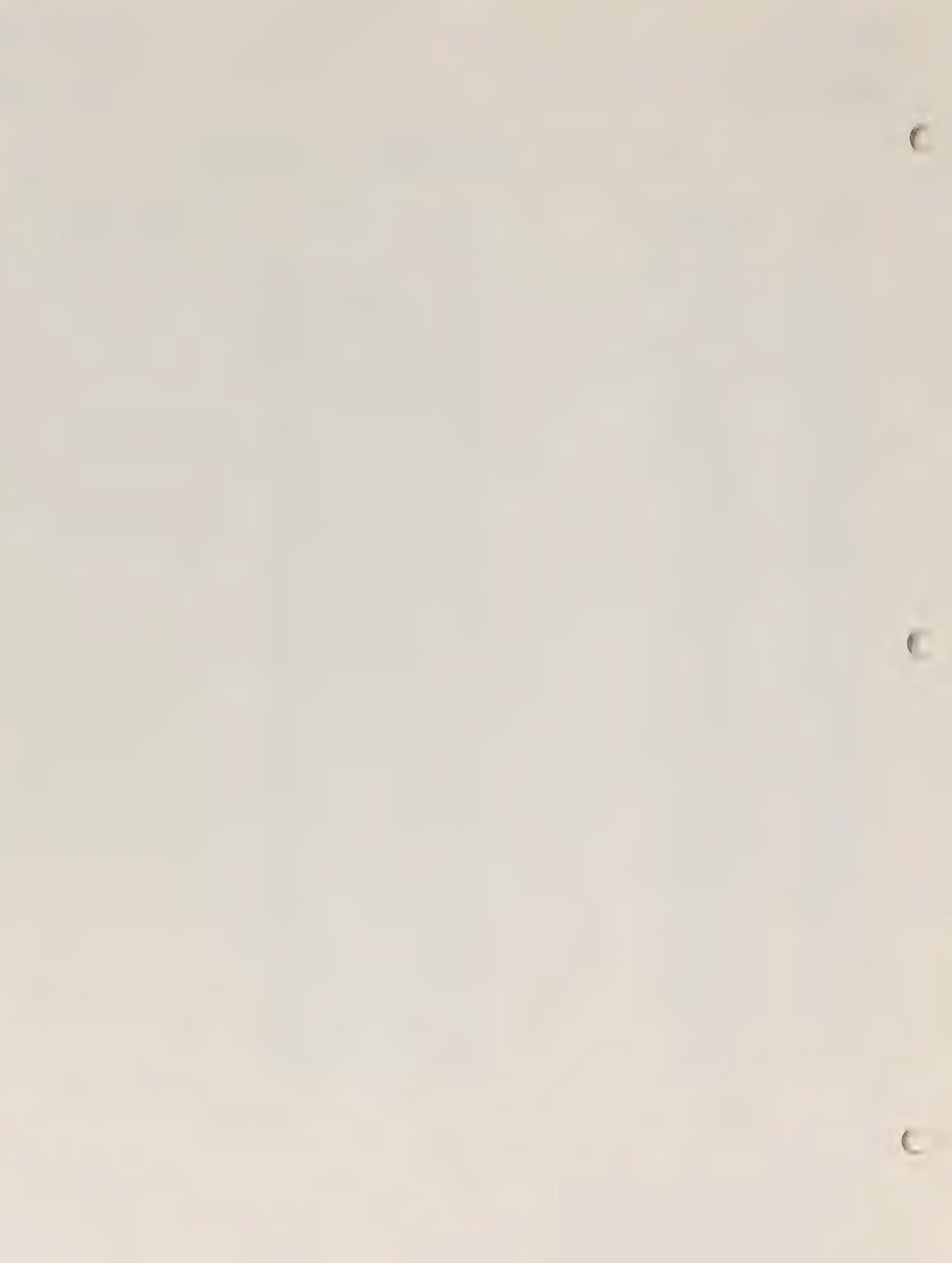
DATE OF JOB  
JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER  
145 MPT-R

DATE OF RUN

SPEERY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
24.347	454.329	05 56	FEB 01, 1975	
24.381	454.317	05 58	FEB 01, 1975	
24.414	454.317	06 00	FEB 01, 1975	
24.443	454.306	06 02	FEB 01, 1975	
24.482	454.306	06 04	FEB 01, 1975	
24.516	454.317	06 06	FEB 01, 1975	
24.550	454.317	06 08	FEB 01, 1975	
24.584	454.236	06 10	FEB 01, 1975	
24.617	454.213	06 12	FEB 01, 1975	
24.651	454.248	06 14	FEB 01, 1975	
24.685	454.329	06 16	FEB 01, 1975	
24.719	454.422	06 18	FEB 01, 1975	
24.753	454.561	06 20	FEB 01, 1975	
24.786	454.723	06 22	FEB 01, 1975	
24.820	454.385	06 24	FEB 01, 1975	
24.854	455.047	06 26	FEB 01, 1975	
24.888	455.128	06 28	FEB 01, 1975	
24.922	455.349	06 30	FEB 01, 1975	
24.955	455.499	06 32	FEB 01, 1975	
24.989	455.650	06 34	FEB 01, 1975	
25.023	455.729	06 36	FEB 01, 1975	
25.057	455.905	06 38	FEB 01, 1975	
25.091	456.032	06 40	FEB 01, 1975	
25.125	456.148	06 42	FEB 01, 1975	
25.159	456.252	06 45	FEB 01, 1975	
25.192	456.360	06 47	FEB 01, 1975	
25.226	456.461	06 49	FEB 01, 1975	
25.260	456.554	06 51	FEB 01, 1975	
25.294	456.646	06 53	FEB 01, 1975	
25.327	456.716	06 55	FEB 01, 1975	
25.361	456.797	06 57	FEB 01, 1975	
25.395	456.890	06 59	FEB 01, 1975	
25.429	456.959	07 01	FEB 01, 1975	
25.463	457.017	07 03	FEB 01, 1975	
25.497	457.046	07 05	FEB 01, 1975	
25.530	457.156	07 07	FEB 01, 1975	
25.564	457.226	07 09	FEB 01, 1975	
25.598	457.272	07 11	FEB 01, 1975	
25.632	457.330	07 13	FEB 01, 1975	
25.666	457.346	07 15	FEB 01, 1975	



JOB NUMBER  
SPG-11228-7

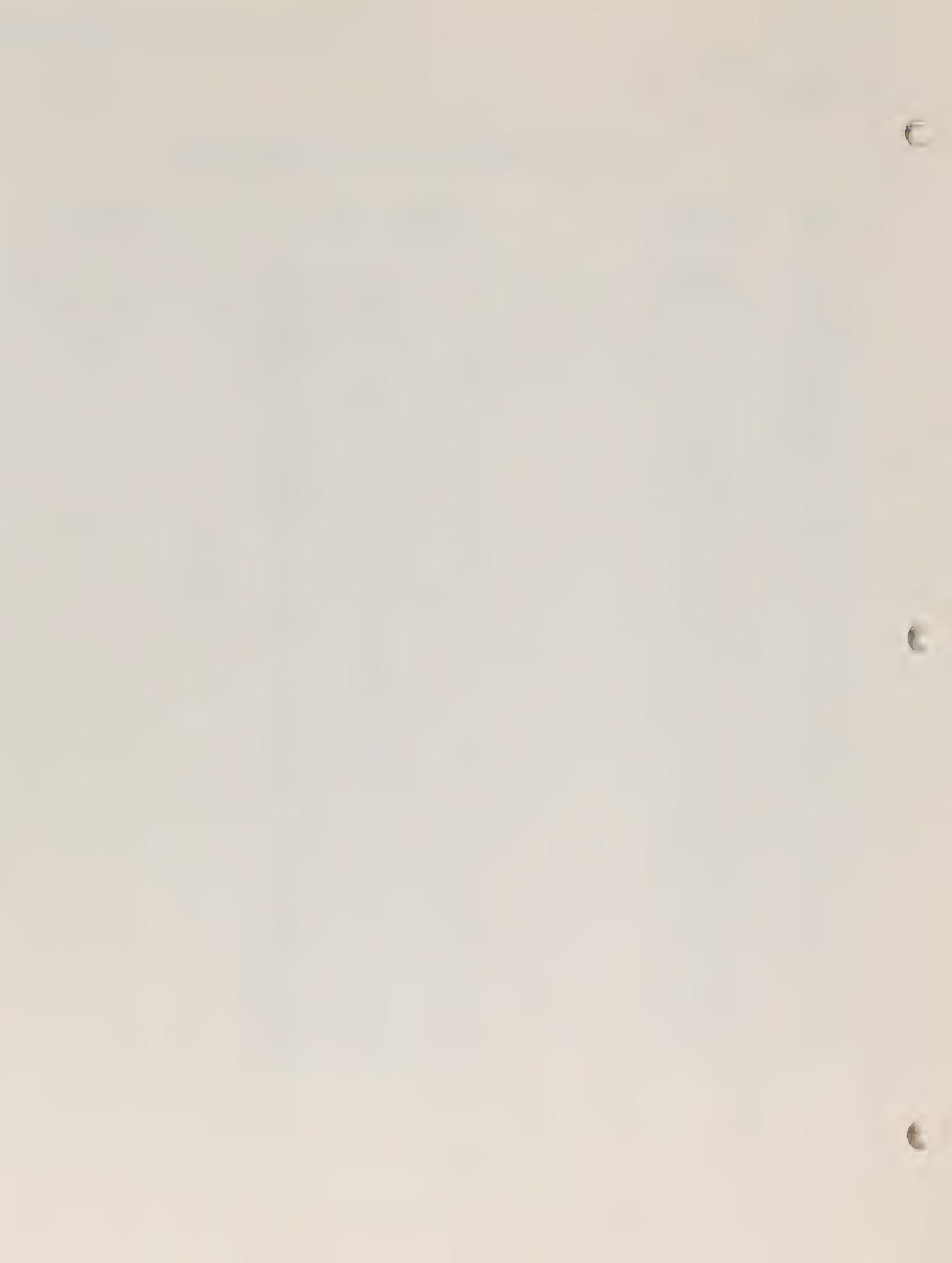
DATE OF JOB  
ANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER  
140 MPT-5

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
6.667	488.235	12 15	JAN 31, 1975	
6.700	488.200	12 17	JAN 31, 1975	
6.733	488.200	12 19	JAN 31, 1975	
6.767	488.189	12 21	JAN 31, 1975	
6.800	488.223	12 23	JAN 31, 1975	
6.833	488.200	12 25	JAN 31, 1975	
6.867	488.200	12 27	JAN 31, 1975	
6.900	488.235	12 29	JAN 31, 1975	
6.933	488.235	12 31	JAN 31, 1975	
6.967	488.223	12 33	JAN 31, 1975	
7.000	488.223	12 35	JAN 31, 1975	
7.033	488.212	12 37	JAN 31, 1975	
7.067	488.159	12 39	JAN 31, 1975	
7.100	488.223	12 41	JAN 31, 1975	
7.133	488.200	12 43	JAN 31, 1975	
7.167	488.200	12 45	JAN 31, 1975	
7.200	488.200	12 47	JAN 31, 1975	
7.233	488.166	12 49	JAN 31, 1975	
7.267	488.200	12 51	JAN 31, 1975	
7.300	488.177	12 53	JAN 31, 1975	
7.333	488.177	12 55	JAN 31, 1975	
7.367	488.212	12 57	JAN 31, 1975	
7.400	488.200	12 59	JAN 31, 1975	
7.433	488.223	13 01	JAN 31, 1975	
7.467	488.200	13 03	JAN 31, 1975	
7.500	488.200	13 05	JAN 31, 1975	
7.533	488.223	13 07	JAN 31, 1975	
7.567	488.212	13 09	JAN 31, 1975	
7.600	488.223	13 11	JAN 31, 1975	
7.633	488.200	13 13	JAN 31, 1975	
7.667	488.212	13 15	JAN 31, 1975	
7.700	488.235	13 17	JAN 31, 1975	
7.733	488.212	13 19	JAN 31, 1975	
7.767	488.235	13 21	JAN 31, 1975	
7.800	488.223	13 23	JAN 31, 1975	
7.833	488.212	13 25	JAN 31, 1975	
7.867	488.200	13 27	JAN 31, 1975	
7.900	488.200	13 29	JAN 31, 1975	
7.933	488.200	13 31	JAN 31, 1975	
7.967	488.200	13 33	JAN 31, 1975	



JOB NUMBER  
SPG-11225-7

DATE OF JOB  
JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER  
140 MPT-B

DATE OF RUN

SPERRY-SIN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PST)	TIME	DATE	COMMENTS
		HR MIN		
8.000	488.200	13 35	JAN 31, 1975	
8.033	488.212	13 37	JAN 31, 1975	
8.067	488.097	13 39	JAN 31, 1975	
8.100	488.109	13 41	JAN 31, 1975	
8.133	488.223	13 43	JAN 31, 1975	
8.167	488.223	13 45	JAN 31, 1975	
8.200	488.223	13 47	JAN 31, 1975	
8.233	488.223	13 49	JAN 31, 1975	
8.267	488.235	13 51	JAN 31, 1975	
8.300	488.235	13 53	JAN 31, 1975	
8.333	488.177	13 55	JAN 31, 1975	
8.367	488.212	13 57	JAN 31, 1975	
8.400	488.212	13 59	JAN 31, 1975	
8.433	488.212	14 01	JAN 31, 1975	
8.467	488.212	14 03	JAN 31, 1975	
8.500	488.189	14 05	JAN 31, 1975	
8.533	488.189	14 07	JAN 31, 1975	
8.567	488.212	14 09	JAN 31, 1975	
8.600	488.177	14 11	JAN 31, 1975	
8.633	488.212	14 13	JAN 31, 1975	
8.667	488.212	14 15	JAN 31, 1975	
8.700	488.223	14 17	JAN 31, 1975	
8.733	488.223	14 19	JAN 31, 1975	
8.767	488.212	14 21	JAN 31, 1975	
8.800	488.212	14 23	JAN 31, 1975	
8.833	488.212	14 25	JAN 31, 1975	
8.867	488.212	14 27	JAN 31, 1975	
8.900	488.212	14 29	JAN 31, 1975	
8.933	488.212	14 31	JAN 31, 1975	
8.967	488.200	14 33	JAN 31, 1975	
9.000	488.212	14 35	JAN 31, 1975	
9.033	488.212	14 37	JAN 31, 1975	
9.067	488.212	14 39	JAN 31, 1975	
9.100	488.212	14 41	JAN 31, 1975	
9.133	488.212	14 43	JAN 31, 1975	
9.167	488.200	14 45	JAN 31, 1975	
9.200	488.200	14 47	JAN 31, 1975	
9.233	488.200	14 49	JAN 31, 1975	
9.267	488.212	14 51	JAN 31, 1975	
9.300	488.223	14 53	JAN 31, 1975	



JOB NUMBER  
SPG-1122A-7

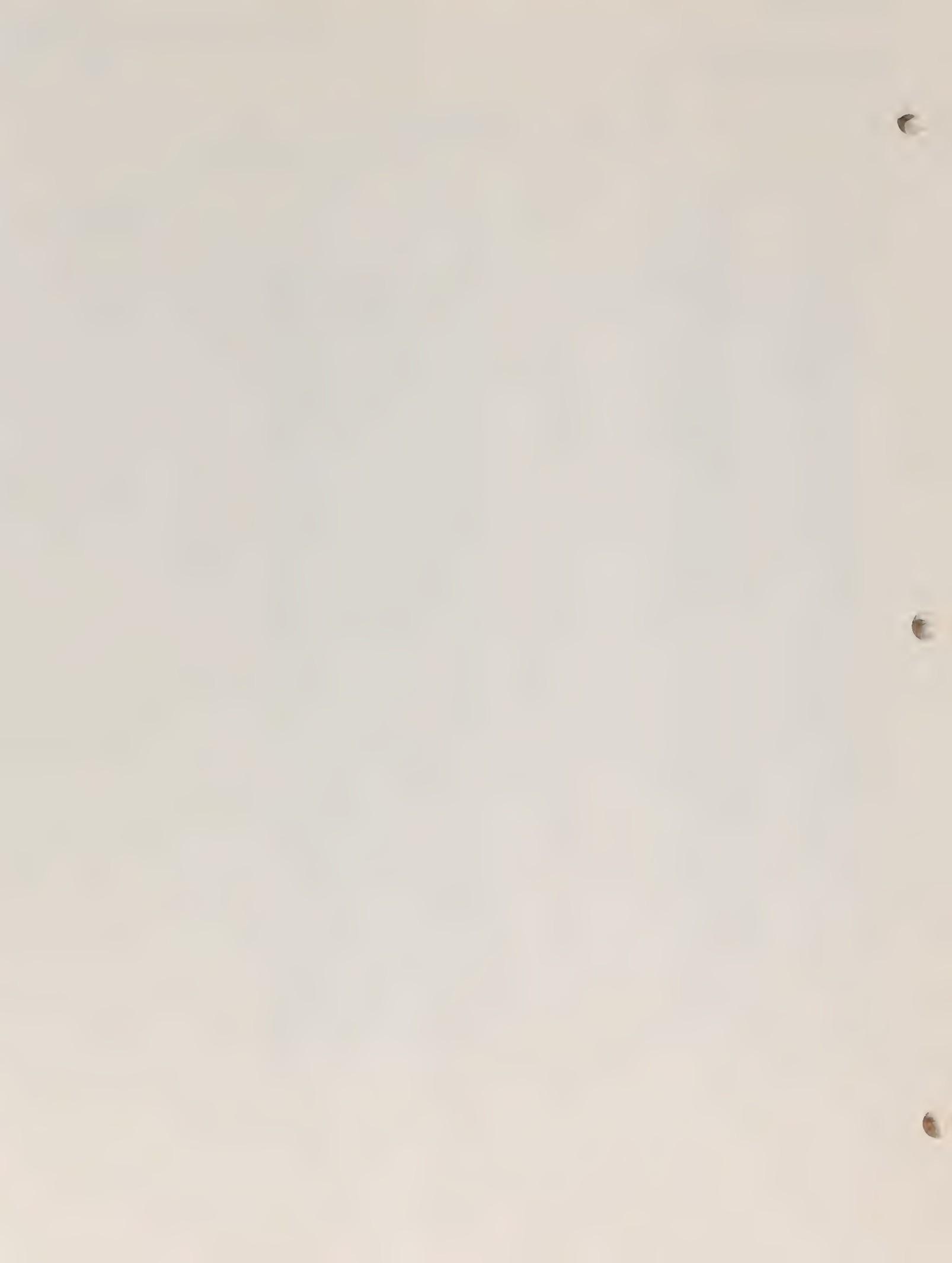
DATE OF JOB  
JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER  
140 MET-A

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PST)	TIME	DATE	COMMENTS
		HR MIN		
9.333	488.223	14 55	JAN 31, 1975	
9.367	488.212	14 57	JAN 31, 1975	
9.400	488.212	14 59	JAN 31, 1975	
9.433	488.143	15 01	JAN 31, 1975	
9.467	488.212	15 03	JAN 31, 1975	
9.500	488.212	15 05	JAN 31, 1975	
9.533	488.212	15 07	JAN 31, 1975	
9.567	488.120	15 09	JAN 31, 1975	
9.600	488.212	15 11	JAN 31, 1975	
9.633	488.212	15 13	JAN 31, 1975	
9.667	488.212	15 15	JAN 31, 1975	
9.700	488.212	15 17	JAN 31, 1975	
9.733	488.169	15 19	JAN 31, 1975	
9.767	488.212	15 21	JAN 31, 1975	
9.800	488.200	15 23	JAN 31, 1975	
9.833	488.169	15 25	JAN 31, 1975	
9.867	488.200	15 27	JAN 31, 1975	
9.900	488.200	15 29	JAN 31, 1975	
9.933	488.035	15 31	JAN 31, 1975	
9.967	488.177	15 33	JAN 31, 1975	
10.000	488.139	15 35	JAN 31, 1975	
10.033	488.210	15 37	JAN 31, 1975	
10.067	488.200	15 39	JAN 31, 1975	
10.100	488.212	15 41	JAN 31, 1975	
10.133	488.169	15 43	JAN 31, 1975	
10.167	488.169	15 45	JAN 31, 1975	
10.200	488.169	15 47	JAN 31, 1975	
10.233	488.200	15 49	JAN 31, 1975	
10.267	488.200	15 51	JAN 31, 1975	
10.300	488.200	15 53	JAN 31, 1975	
10.333	488.189	15 55	JAN 31, 1975	
10.367	488.200	15 57	JAN 31, 1975	
10.400	488.200	15 59	JAN 31, 1975	
10.433	488.131	16 01	JAN 31, 1975	
10.467	488.166	16 03	JAN 31, 1975	
10.500	488.169	16 05	JAN 31, 1975	
10.533	488.200	16 07	JAN 31, 1975	
10.567	488.212	16 09	JAN 31, 1975	
10.600	488.150	16 11	JAN 31, 1975	
10.633	488.212	16 13	JAN 31, 1975	



GAUGE RING: CUPPER  
140 MPa<sup>a</sup>

DATE OF RUN

SPERRY-SIM  
PRECISION SUBSURFACE PRESSURE GAUGE READING

DELTAT	PRESSURE (PSI)	TIME	DATE	COMMENTS
		HR MIN		
10.667	488.223	16 15	JAN 31, 1975	
10.700	488.223	16 17	JAN 31, 1975	
10.733	488.223	16 19	JAN 31, 1975	
10.767	488.177	16 21	JAN 31, 1975	
10.800	488.212	16 23	JAN 31, 1975	
10.833	488.212	16 25	JAN 31, 1975	
10.867	488.212	16 27	JAN 31, 1975	
10.900	488.143	16 29	JAN 31, 1975	
10.933	488.154	16 31	JAN 31, 1975	
10.967	488.154	16 33	JAN 31, 1975	
11.000	488.177	16 35	JAN 31, 1975	
11.033	488.169	16 37	JAN 31, 1975	
11.067	488.169	16 39	JAN 31, 1975	
11.100	488.169	16 41	JAN 31, 1975	
11.133	488.169	16 43	JAN 31, 1975	
11.167	488.200	16 45	JAN 31, 1975	
11.200	488.200	16 47	JAN 31, 1975	
11.233	488.200	16 49	JAN 31, 1975	
11.267	488.154	16 51	JAN 31, 1975	
11.300	488.200	16 53	JAN 31, 1975	
11.333	488.200	16 55	JAN 31, 1975	
11.367	488.166	16 57	JAN 31, 1975	
11.400	488.212	16 59	JAN 31, 1975	
11.433	488.212	17 01	JAN 31, 1975	
11.467	488.200	17 03	JAN 31, 1975	
11.500	488.200	17 05	JAN 31, 1975	
11.533	488.085	17 07	JAN 31, 1975	
11.567	488.212	17 09	JAN 31, 1975	
11.600	488.200	17 11	JAN 31, 1975	
11.633	488.200	17 13	JAN 31, 1975	
11.667	488.200	17 15	JAN 31, 1975	
11.700	488.200	17 17	JAN 31, 1975	
11.733	488.177	17 19	JAN 31, 1975	
11.767	488.200	17 21	JAN 31, 1975	
11.800	488.200	17 23	JAN 31, 1975	
11.833	488.189	17 25	JAN 31, 1975	
11.867	488.166	17 27	JAN 31, 1975	
11.900	488.200	17 29	JAN 31, 1975	
11.933	488.212	17 31	JAN 31, 1975	
11.967	488.212	17 33	JAN 31, 1975	



JOB NUMBER  
SPG-11228-7

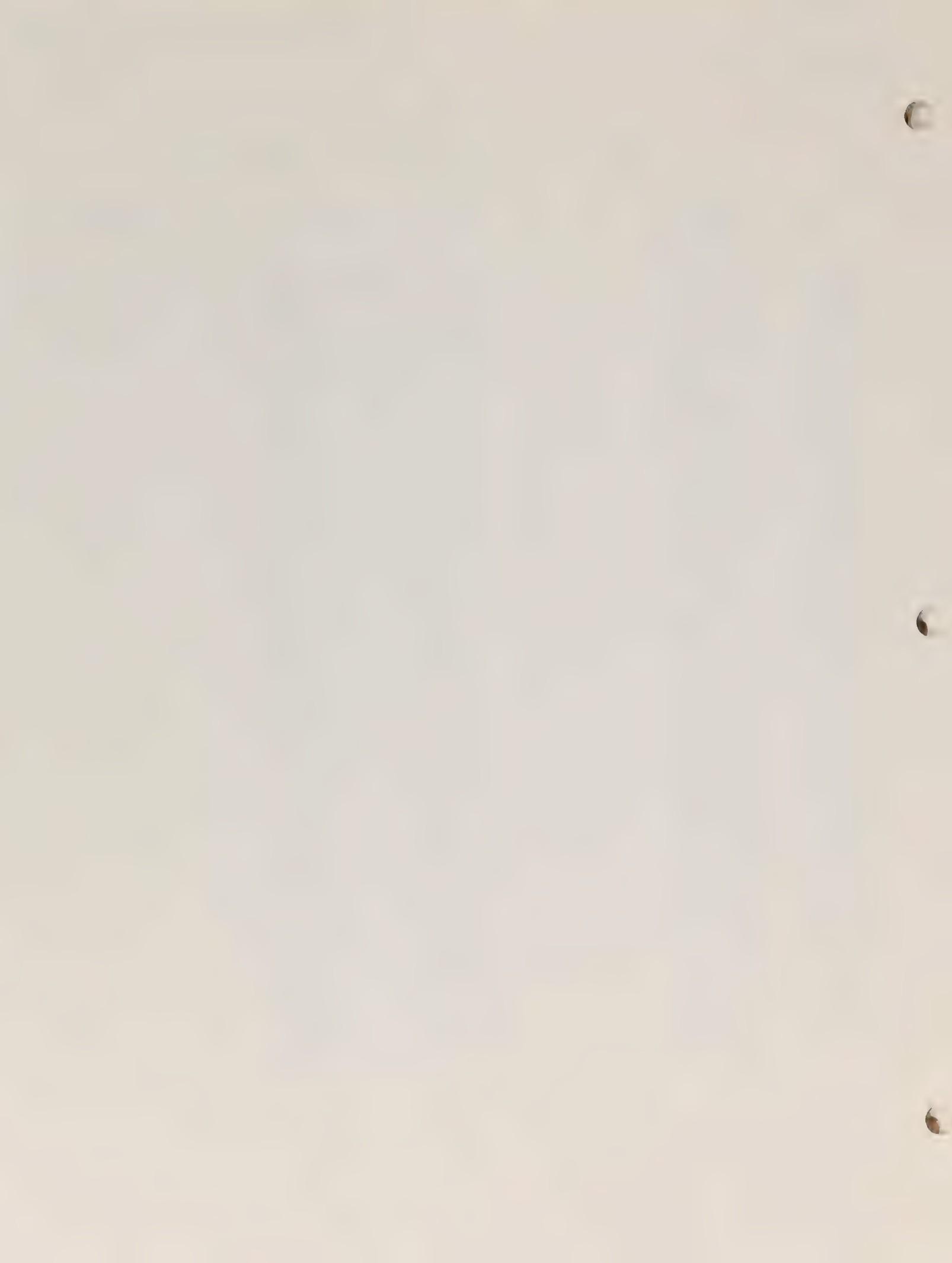
DATE OF JOB  
JANUARY 31-FEBRUARY 26, 1975

GAUGE/NUMBER  
140 NPT-8

DATE OF RUN

SPEERY-RUM  
PRECISION SURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME	DATE	COMMENTS
		HR MIN		
12.000	488.097	17 35	JAN 31, 1975	
12.033	488.200	17 37	JAN 31, 1975	
12.067	488.212	17 39	JAN 31, 1975	
12.100	488.200	17 41	JAN 31, 1975	
12.133	488.200	17 43	JAN 31, 1975	
12.167	488.223	17 45	JAN 31, 1975	
12.200	488.223	17 47	JAN 31, 1975	
12.233	488.139	17 49	JAN 31, 1975	
12.267	488.223	17 51	JAN 31, 1975	
12.300	488.200	17 53	JAN 31, 1975	
12.333	488.235	17 55	JAN 31, 1975	
12.367	488.235	17 57	JAN 31, 1975	
12.400	488.246	17 59	JAN 31, 1975	
12.433	488.223	18 01	JAN 31, 1975	
12.467	488.223	18 03	JAN 31, 1975	
12.500	488.246	18 05	JAN 31, 1975	
12.533	488.200	18 07	JAN 31, 1975	
12.567	488.223	18 09	JAN 31, 1975	
12.600	488.235	18 11	JAN 31, 1975	
12.633	488.223	18 13	JAN 31, 1975	
12.667	488.223	18 15	JAN 31, 1975	
12.700	488.223	18 17	JAN 31, 1975	
12.733	488.177	18 19	JAN 31, 1975	
12.767	488.246	18 21	JAN 31, 1975	
12.800	488.223	18 22	JAN 31, 1975	
12.833	488.212	18 25	JAN 31, 1975	
12.867	488.200	18 27	JAN 31, 1975	
12.900	488.223	18 29	JAN 31, 1975	
12.933	488.223	18 31	JAN 31, 1975	
12.967	488.235	18 33	JAN 31, 1975	
13.000	488.235	18 35	JAN 31, 1975	
13.033	488.212	18 37	JAN 31, 1975	
13.067	488.212	18 39	JAN 31, 1975	
13.100	488.212	18 41	JAN 31, 1975	
13.133	488.212	18 43	JAN 31, 1975	
13.167	488.223	18 45	JAN 31, 1975	
13.200	488.223	18 47	JAN 31, 1975	
13.233	488.223	18 49	JAN 31, 1975	
13.267	488.223	18 51	JAN 31, 1975	
13.300	488.200	18 53	JAN 31, 1975	



JOB NUMBER  
SP6-11223-7

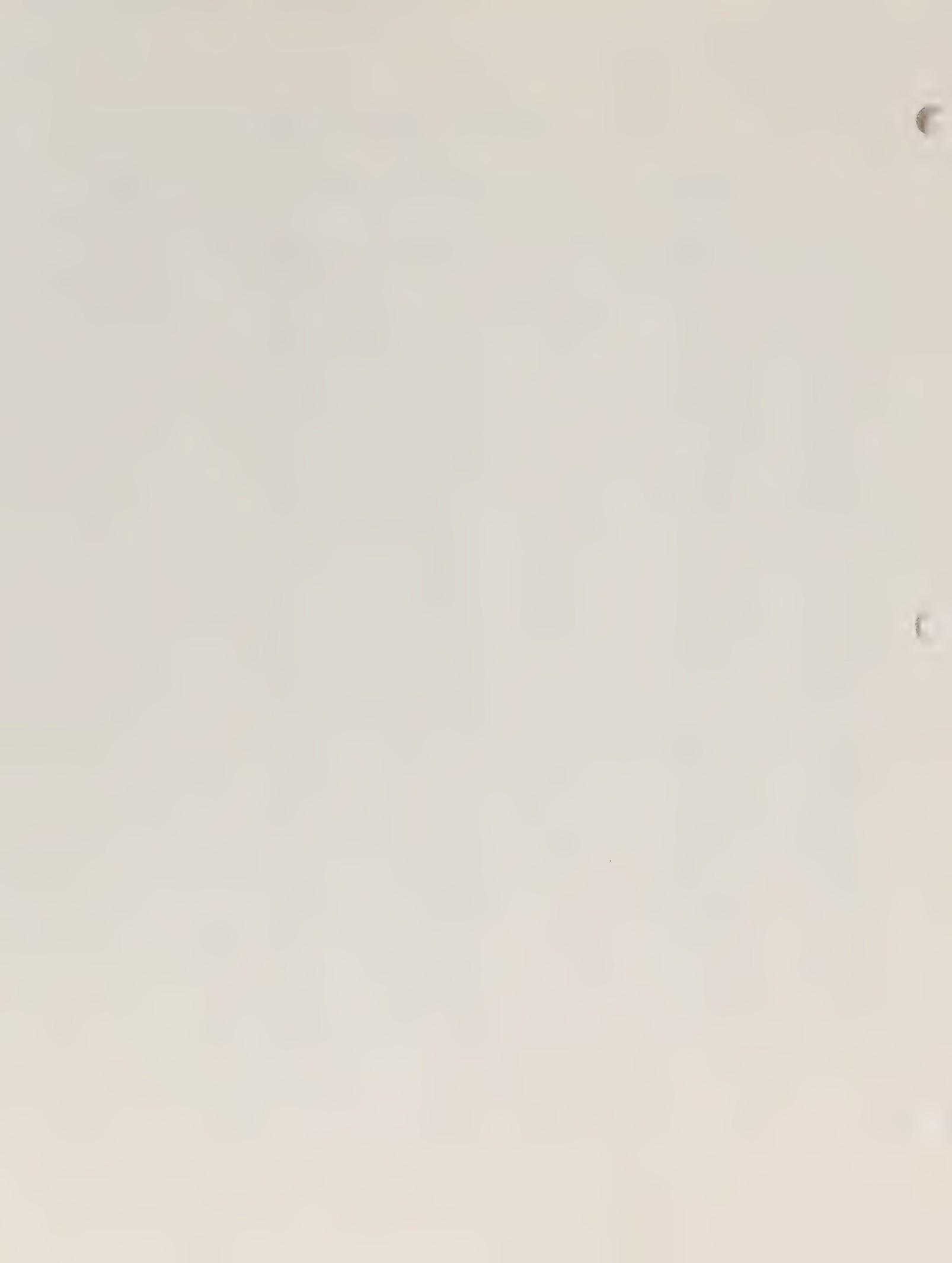
DATE OF JOB  
JANUARY 31-FEBRUARY 2, 1975

Gauge/Roll Number  
140 MPT-a

DATE OF RUN

SPEAR-Y-SIN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTAS	PRESSURE	TIME	DATE	COMMENTS
TIME	(PSI)	HR MIN		
13.333	486.212	18 55	JAN 31, 1975	
13.367	486.212	18 57	JAN 31, 1975	
13.400	486.223	18 59	JAN 31, 1975	
13.433	486.233	19 01	JAN 31, 1975	
13.467	486.212	19 03	JAN 31, 1975	
13.500	486.212	19 05	JAN 31, 1975	
13.533	486.177	19 07	JAN 31, 1975	
13.567	486.245	19 09	JAN 31, 1975	
13.600	488.235	19 11	JAN 31, 1975	
13.633	488.235	19 13	JAN 31, 1975	
13.667	488.233	19 15	JAN 31, 1975	
13.700	488.246	19 17	JAN 31, 1975	
13.733	488.235	19 19	JAN 31, 1975	
13.767	488.269	19 21	JAN 31, 1975	
13.800	486.223	19 23	JAN 31, 1975	
13.833	486.223	19 25	JAN 31, 1975	
13.867	488.235	19 27	JAN 31, 1975	
13.900	486.212	19 29	JAN 31, 1975	
13.933	488.235	19 31	JAN 31, 1975	
13.967	486.200	19 33	JAN 31, 1975	
14.000	486.246	19 35	JAN 31, 1975	
14.033	486.258	19 37	JAN 31, 1975	
14.067	488.246	19 39	JAN 31, 1975	
14.100	488.235	19 41	JAN 31, 1975	
14.133	486.223	19 43	JAN 31, 1975	
14.167	486.258	19 45	JAN 31, 1975	
14.200	488.177	19 47	JAN 31, 1975	
14.233	486.269	19 49	JAN 31, 1975	
14.267	486.258	20 51	JAN 31, 1975	
14.300	488.258	20 53	JAN 31, 1975	
14.333	488.246	20 55	JAN 31, 1975	
14.367	486.246	20 57	JAN 31, 1975	
14.400	486.258	20 59	JAN 31, 1975	
14.433	488.258	21 01	JAN 31, 1975	
14.467	486.236	21 03	JAN 31, 1975	
14.500	486.246	21 05	JAN 31, 1975	
14.533	486.269	21 07	JAN 31, 1975	
14.567	486.246	21 09	JAN 31, 1975	
14.600	488.292	21 11	JAN 31, 1975	
14.633	488.212	21 13	JAN 31, 1975	



L. R. WILDEMAN  
SPG-11720-7

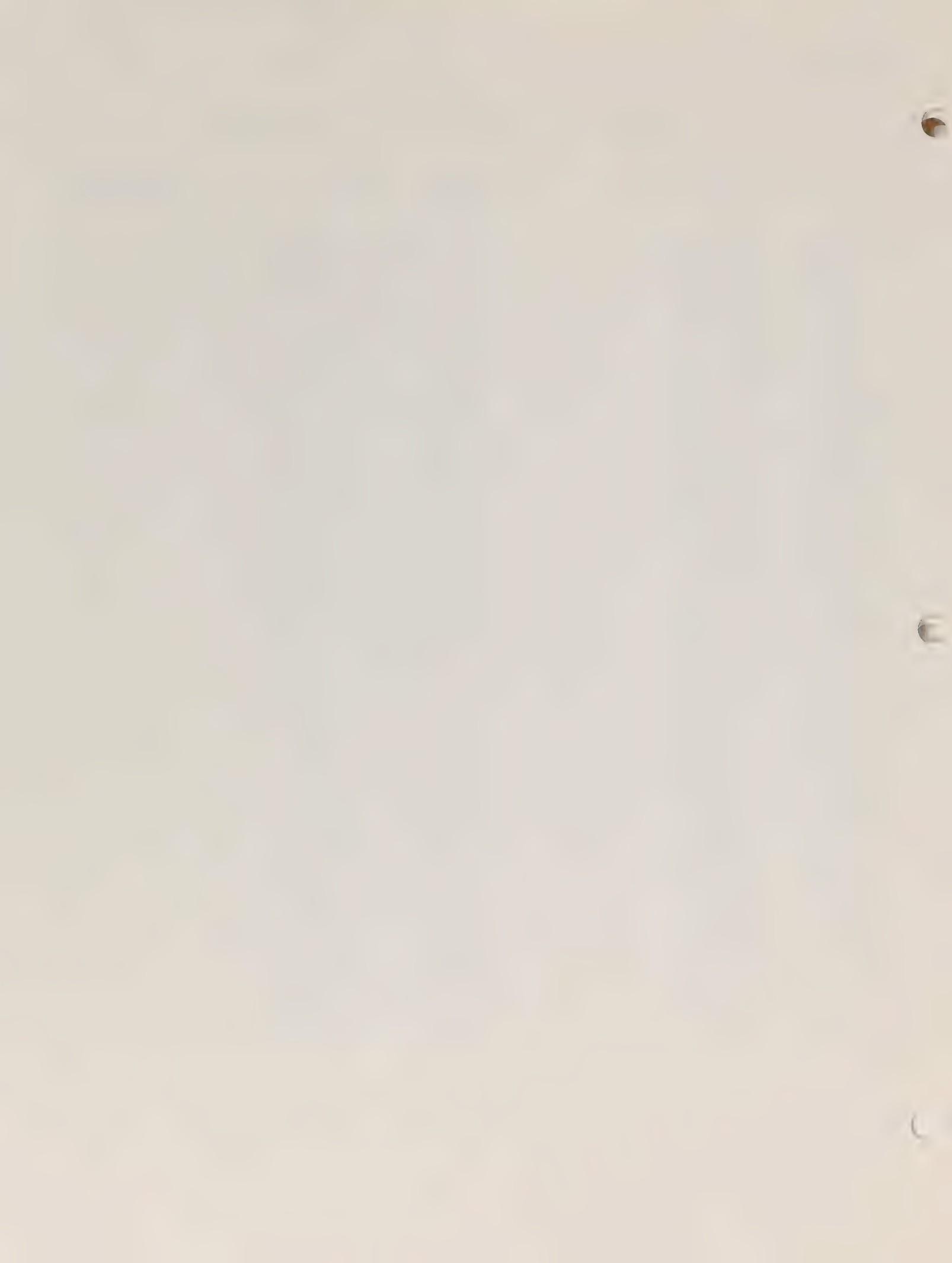
DATE OF JOB  
JANUARY 31-FEBRUARY 2, 1975

GAUGE READ: SUMMER  
140 MPT-A

DATE OF RUN

SPEERY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DETA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
14.667	488.269	20 15	JAN 31, 1975	
14.700	488.246	20 17	JAN 31, 1975	
14.733	488.292	20 19	JAN 31, 1975	
14.767	488.269	20 21	JAN 31, 1975	
14.800	488.262	20 23	JAN 31, 1975	
14.833	488.258	20 25	JAN 31, 1975	
14.867	488.281	20 27	JAN 31, 1975	
14.900	488.246	20 29	JAN 31, 1975	
14.933	488.235	20 31	JAN 31, 1975	
14.967	488.269	20 33	JAN 31, 1975	
15.000	488.269	20 35	JAN 31, 1975	
15.033	488.253	20 37	JAN 31, 1975	
15.067	488.281	20 39	JAN 31, 1975	
15.100	488.281	20 41	JAN 31, 1975	
15.133	488.269	20 43	JAN 31, 1975	
15.167	488.281	20 45	JAN 31, 1975	
15.200	488.269	20 47	JAN 31, 1975	
15.233	488.281	20 49	JAN 31, 1975	
15.267	488.269	20 51	JAN 31, 1975	
15.300	488.281	20 53	JAN 31, 1975	
15.333	488.169	20 55	JAN 31, 1975	
15.367	488.292	20 57	JAN 31, 1975	
15.400	488.292	20 59	JAN 31, 1975	
15.433	488.231	21 01	JAN 31, 1975	
15.467	488.281	21 03	JAN 31, 1975	
15.500	488.304	21 05	JAN 31, 1975	
15.533	488.281	21 07	JAN 31, 1975	
15.567	488.292	21 09	JAN 31, 1975	
15.600	488.281	21 11	JAN 31, 1975	
15.633	488.269	21 13	JAN 31, 1975	
15.667	488.269	21 15	JAN 31, 1975	
15.700	488.258	21 17	JAN 31, 1975	
15.733	488.281	21 19	JAN 31, 1975	
15.767	488.269	21 21	JAN 31, 1975	
15.800	488.281	21 23	JAN 31, 1975	
15.833	488.201	21 25	JAN 31, 1975	
15.867	488.201	21 27	JAN 31, 1975	
15.900	488.281	21 29	JAN 31, 1975	
15.933	488.269	21 31	JAN 31, 1975	
15.967	488.281	21 33	JAN 31, 1975	



DR. NUMBER  
SPG-112267

DATE OF JOB  
JANUARY 31-FEBRUARY 26, 1975

GAUGE ZONE NUMBER  
140 MPT-6

DATE OF RUN

SUPER-SITE  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DEPTH TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
16.600	488.269	21 35	JAN 31, 1975	
16.633	488.258	21 37	JAN 31, 1975	
16.667	488.269	21 39	JAN 31, 1975	
16.700	488.259	21 41	JAN 31, 1975	
16.733	488.258	21 43	JAN 31, 1975	
16.767	488.281	21 45	JAN 31, 1975	
16.800	488.269	21 47	JAN 31, 1975	
16.833	488.269	21 49	JAN 31, 1975	
16.867	488.246	21 51	JAN 31, 1975	
16.900	488.246	21 53	JAN 31, 1975	
16.933	488.253	21 55	JAN 31, 1975	
16.967	488.246	21 57	JAN 31, 1975	
16.400	488.245	21 59	JAN 31, 1975	
16.433	488.269	22 01	JAN 31, 1975	
16.467	488.259	22 03	JAN 31, 1975	
16.500	488.189	22 05	JAN 31, 1975	
16.533	488.258	22 07	JAN 31, 1975	
16.567	488.269	22 09	JAN 31, 1975	
16.600	488.269	22 11	JAN 31, 1975	
16.633	488.269	22 13	JAN 31, 1975	
16.667	488.261	22 15	JAN 31, 1975	
16.700	488.154	22 17	JAN 31, 1975	
16.733	488.292	22 19	JAN 31, 1975	
16.766	488.281	22 21	JAN 31, 1975	
16.800	488.281	22 23	JAN 31, 1975	
16.833	488.269	22 25	JAN 31, 1975	
16.866	488.314	22 27	JAN 31, 1975	
16.900	488.231	22 29	JAN 31, 1975	
16.933	488.281	22 31	JAN 31, 1975	
16.966	488.281	22 33	JAN 31, 1975	
17.000	488.269	22 35	JAN 31, 1975	
17.033	488.269	22 37	JAN 31, 1975	
17.066	488.259	22 39	JAN 31, 1975	
17.100	488.269	22 41	JAN 31, 1975	
17.133	488.269	22 43	JAN 31, 1975	
17.166	488.259	22 45	JAN 31, 1975	
17.200	488.269	22 47	JAN 31, 1975	
17.233	488.258	22 49	JAN 31, 1975	
17.266	488.246	22 51	JAN 31, 1975	
17.300	488.281	22 53	JAN 31, 1975	

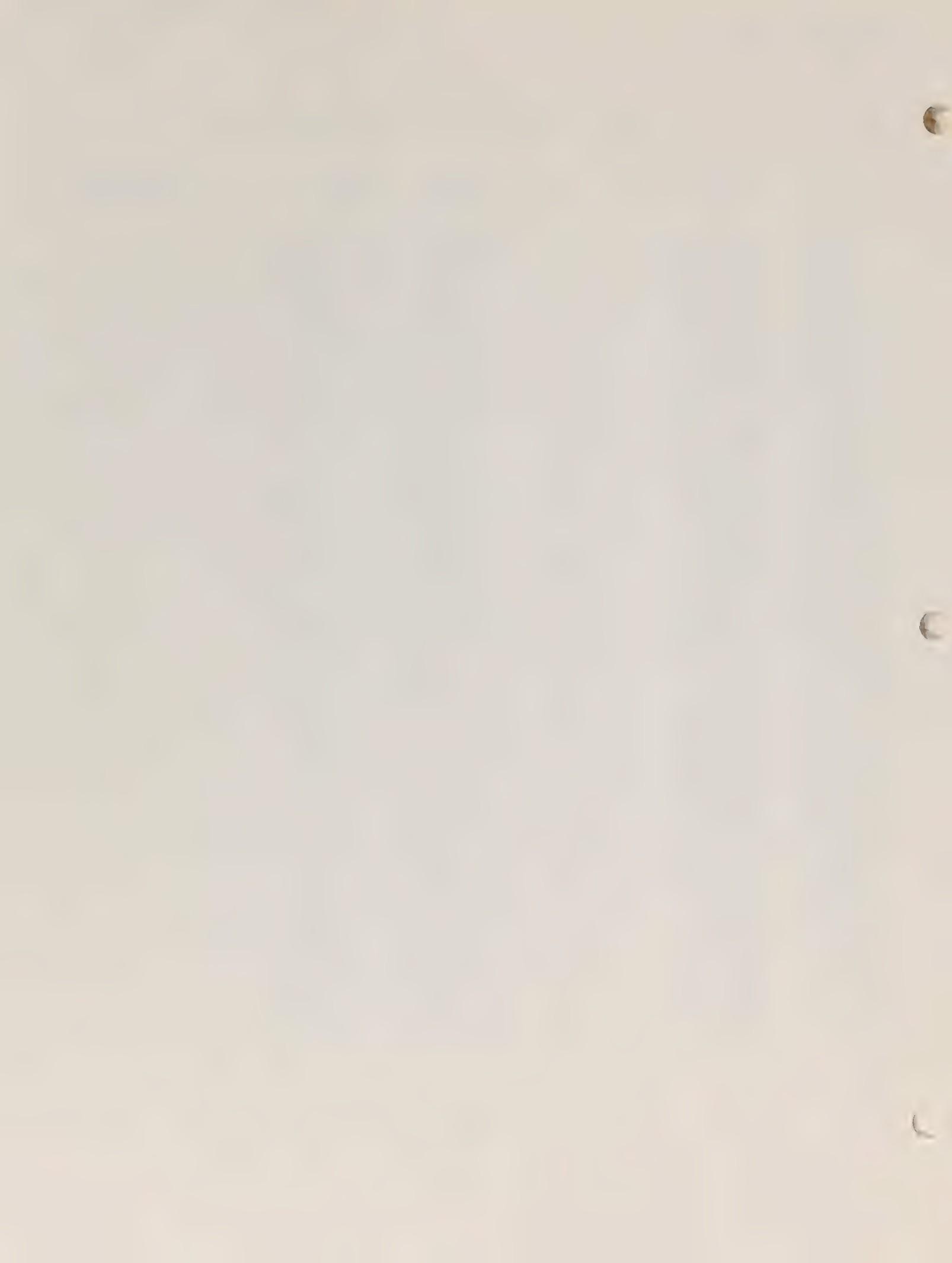


GAUGE/BUOY NUMBER  
140 MPT-8

DATE OF RUN

SPERRY-SIN  
DIRECT-STEIN SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
17.333	488.231	22 55	JAN 31, 1975	
17.366	488.258	22 57	JAN 31, 1975	
17.400	488.258	22 59	JAN 31, 1975	
17.433	488.255	23 01	JAN 31, 1975	
17.466	488.245	23 03	JAN 31, 1975	
17.500	488.258	23 05	JAN 31, 1975	
17.533	488.258	23 07	JAN 31, 1975	
17.566	488.231	23 09	JAN 31, 1975	
17.600	488.255	23 11	JAN 31, 1975	
17.633	488.201	23 13	JAN 31, 1975	
17.666	488.270	23 15	JAN 31, 1975	
17.700	488.289	23 17	JAN 31, 1975	
17.733	488.259	23 19	JAN 31, 1975	
17.766	488.264	23 21	JAN 31, 1975	
17.800	488.255	23 23	JAN 31, 1975	
17.833	488.259	23 25	JAN 31, 1975	
17.866	488.258	23 27	JAN 31, 1975	
17.900	488.223	23 29	JAN 31, 1975	
17.933	488.261	23 31	JAN 31, 1975	
17.966	488.258	23 33	JAN 31, 1975	
18.000	488.246	23 35	JAN 31, 1975	
18.033	488.281	23 37	JAN 31, 1975	
18.066	488.251	23 39	JAN 31, 1975	
18.100	488.269	23 41	JAN 31, 1975	
18.133	488.259	23 43	JAN 31, 1975	
18.166	488.238	23 45	JAN 31, 1975	
18.200	488.257	23 47	JAN 31, 1975	
18.233	488.253	23 49	JAN 31, 1975	
18.266	488.253	23 51	JAN 31, 1975	
18.300	488.269	23 53	JAN 31, 1975	
18.333	488.281	23 55	JAN 31, 1975	
18.366	488.281	23 57	JAN 31, 1975	
18.400	488.246	23 59	JAN 31, 1975	
18.433	488.246	00 01	FEB 01, 1975	
18.466	488.246	00 03	FEB 01, 1975	
18.500	488.247	00 05	FEB 01, 1975	
18.533	488.257	00 07	FEB 01, 1975	
18.566	488.273	00 09	FEB 01, 1975	
18.600	488.269	00 11	FEB 01, 1975	
18.633	488.281	00 13	FEB 01, 1975	



JOB NUMBER  
SPG-11228-7

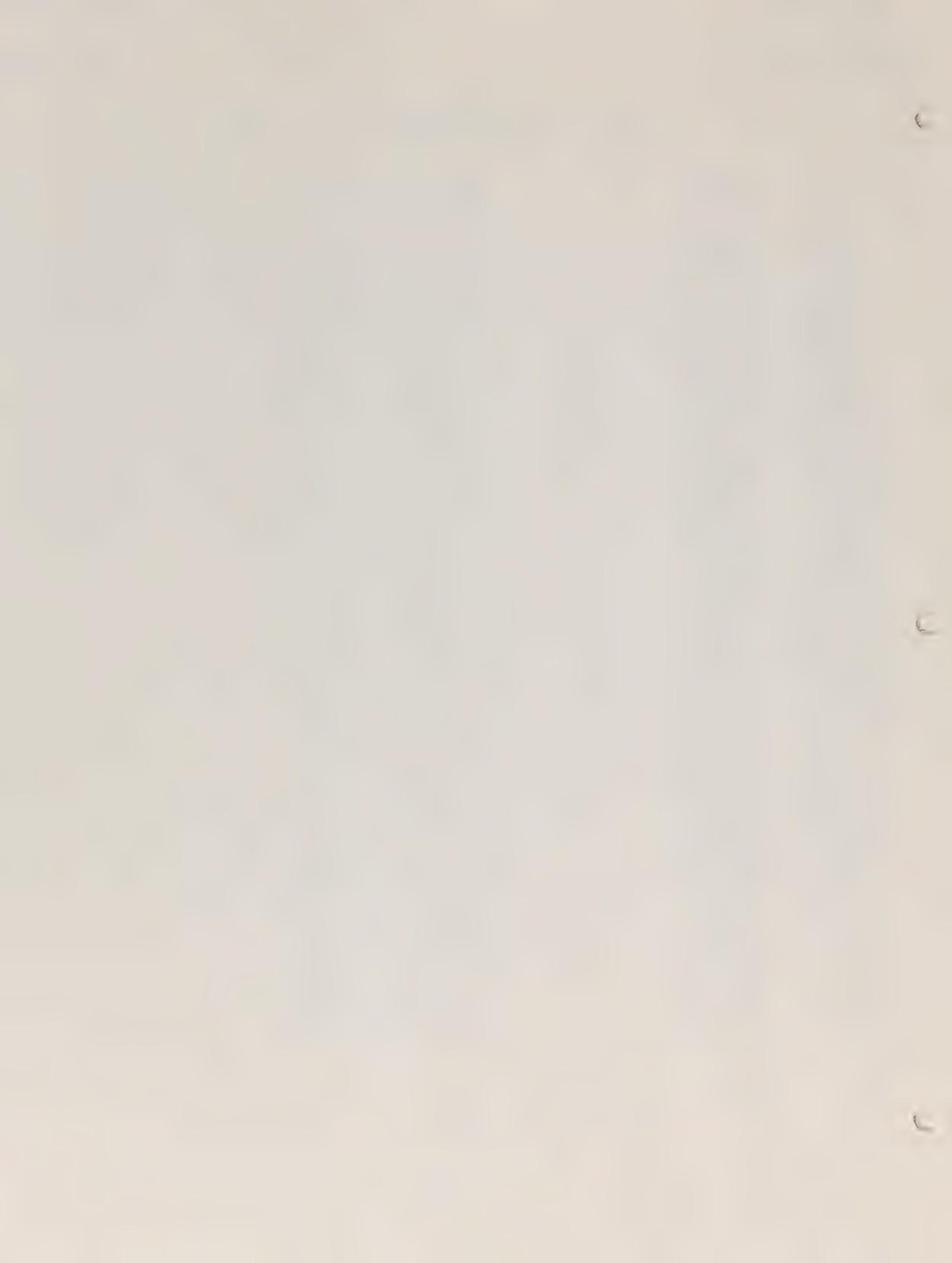
DATE OF JOB  
JANUARY 31-FEBRUARY 26, 1975

GAUGE/RUN NUMBER  
140 MPT-R

DATE OF RUN

SPERRY-SUN  
EFFECTSON SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
18.666	488.258	00 15	FEB 01, 1975	
18.700	488.258	00 17	FEB 01, 1975	
18.733	488.258	00 19	FEB 01, 1975	
18.766	488.258	00 21	FEB 01, 1975	
18.800	488.212	00 23	FEB 01, 1975	
18.833	488.246	00 25	FEB 01, 1975	
18.866	488.235	00 27	FEB 01, 1975	
18.900	488.246	00 29	FEB 01, 1975	
18.933	488.260	00 31	FEB 01, 1975	
18.966	488.259	00 33	FEB 01, 1975	
19.000	488.269	00 35	FEB 01, 1975	
19.033	488.269	00 37	FEB 01, 1975	
19.066	488.255	00 39	FEB 01, 1975	
19.100	488.269	00 41	FEB 01, 1975	
19.133	488.253	00 43	FEB 01, 1975	
19.166	488.261	00 45	FEB 01, 1975	
19.200	488.253	00 47	FEB 01, 1975	
19.233	488.231	00 49	FEB 01, 1975	
19.266	488.258	00 51	FEB 01, 1975	
19.300	488.258	00 53	FEB 01, 1975	
19.333	488.177	00 55	FEB 01, 1975	
19.366	488.246	00 57	FEB 01, 1975	
19.400	488.246	00 59	FEB 01, 1975	
19.433	488.177	01 01	FEB 01, 1975	
19.466	488.200	01 03	FEB 01, 1975	
19.500	488.256	01 05	FEB 01, 1975	
19.533	488.292	01 07	FEB 01, 1975	
19.566	488.258	01 09	FEB 01, 1975	
19.600	488.256	01 11	FEB 01, 1975	
19.633	488.246	01 13	FEB 01, 1975	
19.666	488.258	01 15	FEB 01, 1975	
19.700	488.258	01 17	FEB 01, 1975	
19.733	488.235	01 19	FEB 01, 1975	
19.766	488.269	01 21	FEB 01, 1975	
19.800	488.269	01 23	FEB 01, 1975	
19.833	488.223	01 25	FEB 01, 1975	
19.866	488.246	01 27	FEB 01, 1975	
19.900	488.246	01 29	FEB 01, 1975	
19.933	488.246	01 31	FEB 01, 1975	
19.966	488.166	01 33	FEB 01, 1975	



JOB NUMBER  
SPG-11228-7

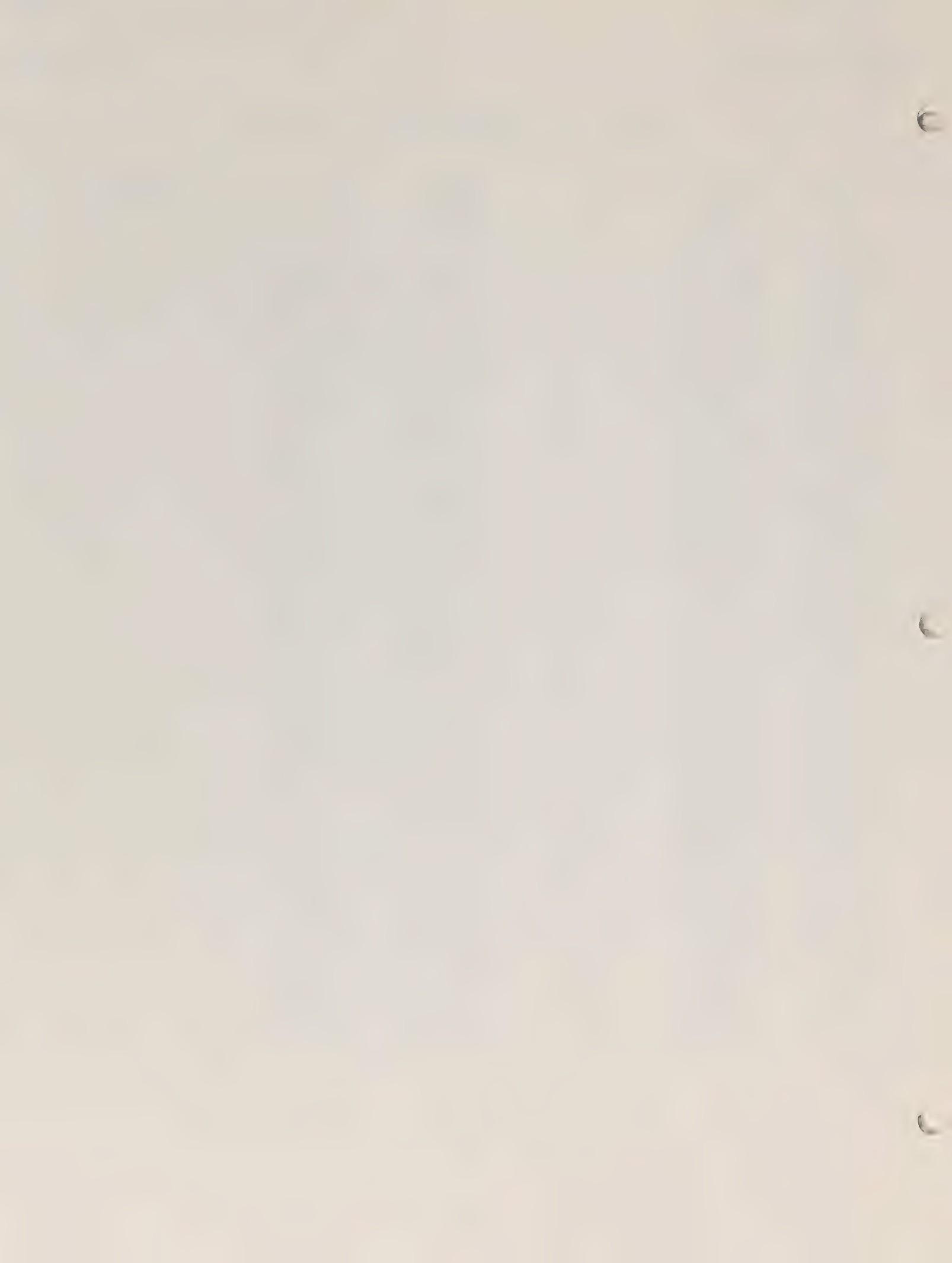
DATE OF JOB  
JANUARY 31-FEBRUARY 2, 1975

GAUGE/RUN NUMBER  
140 MPT-A

DATE OF RUN

SHERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE READING

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
20.000	488.269	01 35	FEB 01, 1975	
20.033	488.259	01 37	FEB 01, 1975	
20.066	488.269	01 39	FEB 01, 1975	
20.100	488.279	01 41	FEB 01, 1975	
20.133	488.258	01 43	FEB 01, 1975	
20.166	488.235	01 45	FEB 01, 1975	
20.200	488.269	01 47	FEB 01, 1975	
20.233	488.246	01 49	FEB 01, 1975	
20.266	488.258	01 51	FEB 01, 1975	
20.300	488.269	01 53	FEB 01, 1975	
20.333	488.259	01 55	FEB 01, 1975	
20.366	488.169	01 57	FEB 01, 1975	
20.400	488.269	01 59	FEB 01, 1975	
20.433	488.269	02 01	FEB 01, 1975	
20.466	488.246	02 03	FEB 01, 1975	
20.500	488.281	02 05	FEB 01, 1975	
20.533	488.259	02 07	FEB 01, 1975	
20.566	488.269	02 09	FEB 01, 1975	
20.600	488.304	02 11	FEB 01, 1975	
20.633	488.374	02 13	FEB 01, 1975	
20.666	488.259	02 15	FEB 01, 1975	
20.700	488.269	02 17	FEB 01, 1975	
20.733	488.292	02 19	FEB 01, 1975	
20.766	488.292	02 21	FEB 01, 1975	
20.800	488.292	02 23	FEB 01, 1975	
20.833	488.292	02 25	FEB 01, 1975	
20.866	488.259	02 27	FEB 01, 1975	
20.900	488.269	02 29	FEB 01, 1975	
20.933	488.269	02 31	FEB 01, 1975	
20.966	488.212	02 33	FEB 01, 1975	
21.000	488.281	02 35	FEB 01, 1975	
21.033	488.281	02 37	FEB 01, 1975	
21.066	488.269	02 39	FEB 01, 1975	
21.100	488.281	02 41	FEB 01, 1975	
21.133	488.281	02 43	FEB 01, 1975	
21.166	488.269	02 45	FEB 01, 1975	
21.200	488.269	02 47	FEB 01, 1975	
21.233	488.269	02 49	FEB 01, 1975	
21.266	488.269	02 51	FEB 01, 1975	
21.300	488.258	02 53	FEB 01, 1975	



HFC-227

SPS-1122E-7

GAUGE #11 - 10MMER  
140 PPT-eDATE OF JOB  
FEBRUARY 31-FEBRUARY 2, 1975

DATE OF RUN

SPE-29Y-SIM  
PRECISION SURFACE PRESSURE GAUGE REPORT

DELTAS	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
21.333	488.246	02	55 FEB 01 1975	
21.367	488.292	02	57 FEB 01 1975	
21.401	488.281	02	59 FEB 01 1975	
21.434	488.231	03	01 FEB 01 1975	
21.468	488.262	03	03 FEB 01 1975	
21.502	488.258	03	05 FEB 01 1975	
21.535	488.281	03	07 FEB 01 1975	
21.569	488.292	03	09 FEB 01 1975	
21.603	488.246	03	11 FEB 01 1975	
21.636	488.258	03	13 FEB 01 1975	
21.670	488.258	03	15 FEB 01 1975	
21.703	488.231	03	17 FEB 01 1975	
21.736	488.232	03	19 FEB 01 1975	
21.769	488.258	03	21 FEB 01 1975	
21.803	488.235	03	23 FEB 01 1975	
21.835	488.240	03	25 FEB 01 1975	
21.868	488.235	03	27 FEB 01 1975	
21.900	488.269	03	29 FEB 01 1975	
21.933	488.258	03	31 FEB 01 1975	
21.966	488.258	03	33 FEB 01 1975	
22.000	488.250	03	35 FEB 01 1975	
22.033	488.258	03	37 FEB 01 1975	
22.066	488.269	03	39 FEB 01 1975	
22.100	488.269	03	41 FEB 01 1975	
22.133	488.246	03	43 FEB 01 1975	
22.166	488.246	03	45 FEB 01 1975	
22.200	488.246	03	47 FEB 01 1975	
22.233	488.246	03	49 FEB 01 1975	
22.266	488.258	03	51 FEB 01 1975	
22.300	488.246	03	53 FEB 01 1975	
22.333	488.281	03	55 FEB 01 1975	
22.366	488.258	03	57 FEB 01 1975	
22.400	488.258	03	59 FEB 01 1975	
22.433	488.259	04	01 FEB 01 1975	
22.466	488.259	04	03 FEB 01 1975	
22.500	488.269	04	05 FEB 01 1975	
22.533	488.259	04	07 FEB 01 1975	
22.566	488.262	04	09 FEB 01 1975	
22.600	488.254	04	11 FEB 01 1975	
22.633	488.258	04	13 FEB 01 1975	

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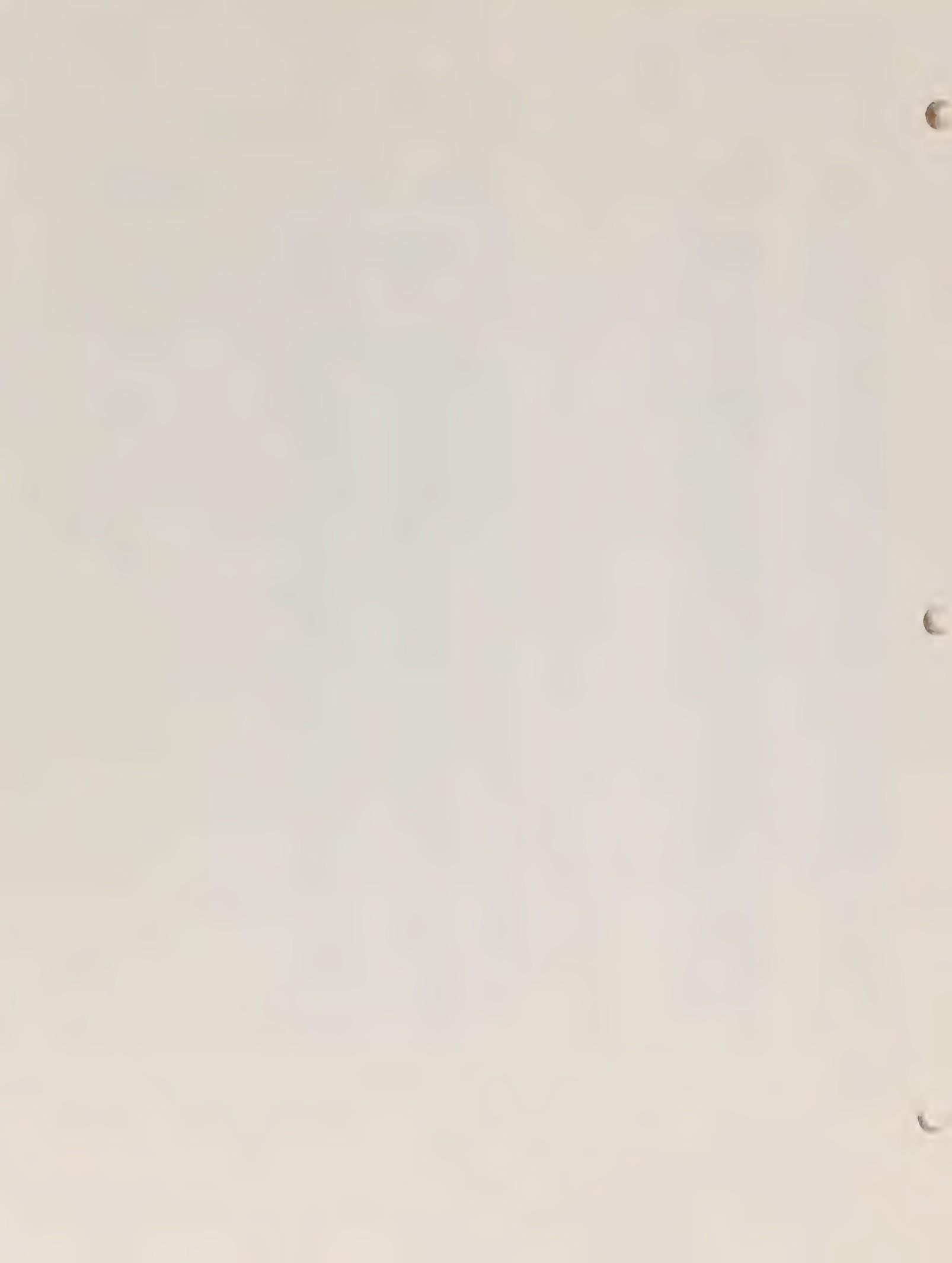
S66-11228-7

DATE OF JOB  
JANUARY 31-FEBRUARY 26, 1975GAUGE/RUN NUMBER  
140 MPT-B

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELT A TIME	PRESSURE (PST)	TIME HR MIN	DATE	COMMENTS
22.066	488.246	04 15	FEB 01, 1975	
22.700	488.281	04 17	FEB 01, 1975	
22.733	488.291	04 19	FEB 01, 1975	
22.766	488.269	04 21	FEB 01, 1975	
22.800	488.256	04 23	FEB 01, 1975	
22.833	488.292	04 25	FEB 01, 1975	
22.866	488.269	04 27	FEB 01, 1975	
22.900	488.261	04 29	FEB 01, 1975	
22.933	488.281	04 31	FEB 01, 1975	
22.966	488.281	04 33	FEB 01, 1975	
23.000	488.281	04 35	FEB 01, 1975	
23.033	488.269	04 37	FEB 01, 1975	
23.066	488.269	04 39	FEB 01, 1975	
23.100	488.258	04 41	FEB 01, 1975	
23.133	488.258	04 43	FEB 01, 1975	
23.166	488.281	04 45	FEB 01, 1975	
23.200	488.256	04 47	FEB 01, 1975	
23.233	488.261	04 49	FEB 01, 1975	
23.266	488.269	04 51	FEB 01, 1975	
23.300	488.246	04 53	FEB 01, 1975	
23.333	488.269	04 55	FEB 01, 1975	
23.366	488.258	04 57	FEB 01, 1975	
23.400	488.232	04 59	FEB 01, 1975	
23.433	488.212	05 01	FEB 01, 1975	
23.466	488.258	05 03	FEB 01, 1975	
23.500	488.235	05 05	FEB 01, 1975	
23.533	488.292	05 07	FEB 01, 1975	
23.566	488.242	05 09	FEB 01, 1975	
23.600	488.281	05 11	FEB 01, 1975	
23.633	488.281	05 13	FEB 01, 1975	
23.666	488.269	05 15	FEB 01, 1975	
23.700	488.212	05 17	FEB 01, 1975	
23.733	488.258	05 19	FEB 01, 1975	
23.766	488.246	05 21	FEB 01, 1975	
23.800	488.261	05 23	FEB 01, 1975	
23.833	488.281	05 25	FEB 01, 1975	
23.866	488.269	05 27	FEB 01, 1975	
23.900	488.269	05 29	FEB 01, 1975	
23.933	488.258	05 31	FEB 01, 1975	
23.966	488.262	05 33	FEB 01, 1975	



ITE 11228  
SPG-11228

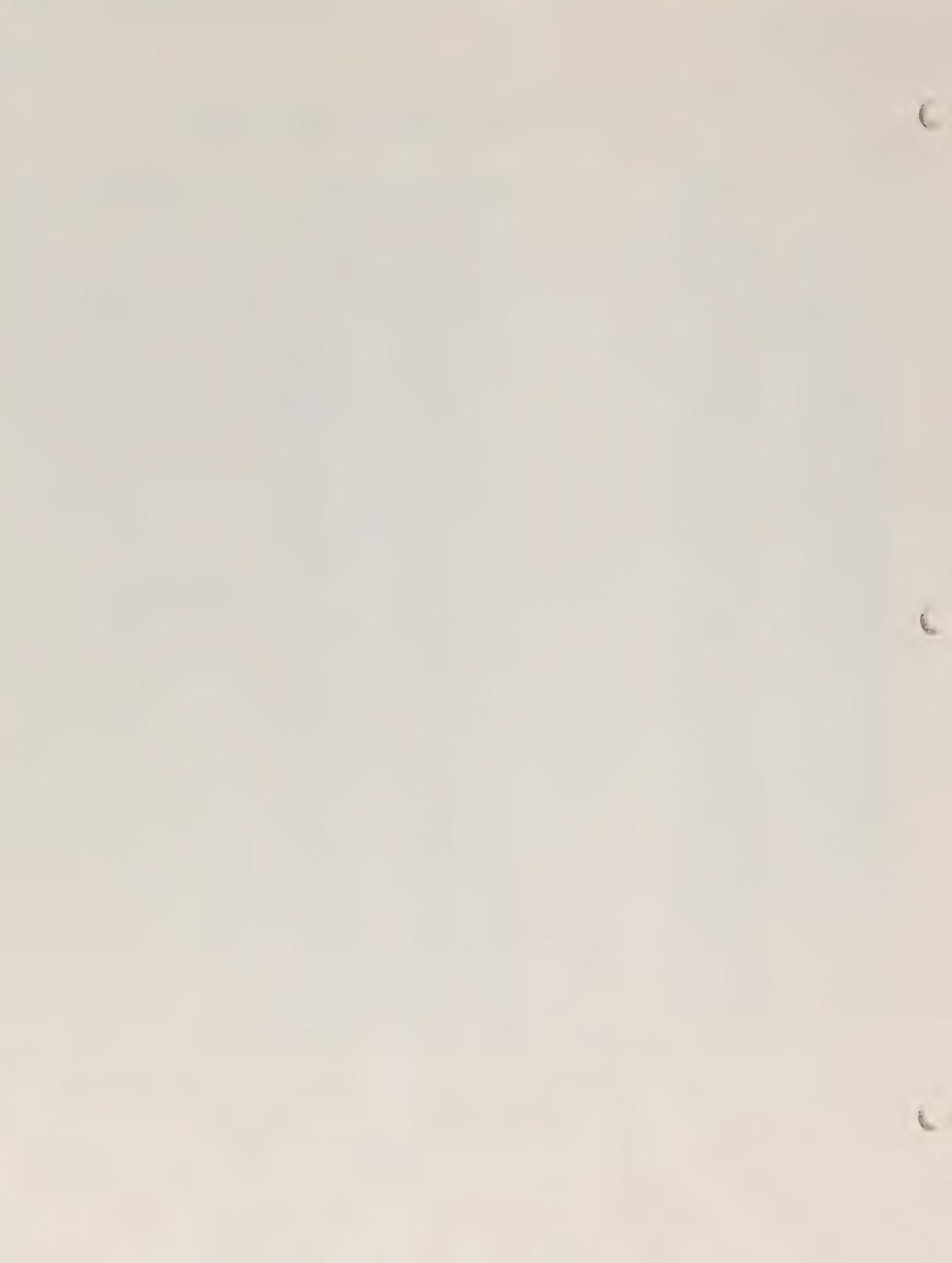
GAUGE / RU : OTHER  
140 MPT-K

DATE OF JOB  
JANUARY 31-FEBRUARY 2, 1975

DATE OF RUN

SPERRY-SUN  
ERCTION-SUBSURFACE PRESSURE GAUGE REPORT

DELTATIME	PRESSURE (PSI)	TIME	DATE	COMMENTS
		HR MIN		
24.000	488.258	05	35 FEB 01, 1975	
24.033	488.269	05	37 FEB 01, 1975	
24.066	488.304	05	39 FEB 01, 1975	
24.100	488.314	05	41 FEB 01, 1975	
24.133	488.222	05	43 FEB 01, 1975	
24.166	488.292	05	45 FEB 01, 1975	
24.200	488.258	05	47 FEB 01, 1975	
24.233	488.304	05	49 FEB 01, 1975	
24.266	488.281	05	51 FEB 01, 1975	
24.300	488.231	05	53 FEB 01, 1975	
24.333	488.258	05	55 FEB 01, 1975	
24.366	488.292	05	57 FEB 01, 1975	
24.400	488.292	05	59 FEB 01, 1975	
24.433	488.292	06	01 FEB 01, 1975	
24.466	488.292	06	03 FEB 01, 1975	
24.500	488.235	06	05 FEB 01, 1975	
24.533	488.304	06	07 FEB 01, 1975	
24.566	488.304	06	09 FEB 01, 1975	
24.600	488.304	06	11 FEB 01, 1975	
24.633	488.304	06	13 FEB 01, 1975	
24.666	488.304	06	15 FEB 01, 1975	
24.700	488.292	06	17 FEB 01, 1975	
24.733	488.304	06	19 FEB 01, 1975	
24.766	488.281	06	21 FEB 01, 1975	
24.800	488.281	06	23 FEB 01, 1975	
24.833	488.304	06	25 FEB 01, 1975	
24.866	488.281	06	27 FEB 01, 1975	
24.900	488.231	06	29 FEB 01, 1975	
24.933	488.304	06	31 FEB 01, 1975	
24.966	488.281	06	33 FEB 01, 1975	
25.000	488.292	06	35 FEB 01, 1975	
25.033	488.269	06	37 FEB 01, 1975	
25.066	488.246	06	39 FEB 01, 1975	
25.100	488.292	06	41 FEB 01, 1975	
25.133	488.292	06	43 FEB 01, 1975	
25.166	488.281	06	45 FEB 01, 1975	
25.200	488.281	06	47 FEB 01, 1975	
25.233	488.304	06	49 FEB 01, 1975	
25.266	488.304	06	51 FEB 01, 1975	
25.300	488.281	06	53 FEB 01, 1975	



JOB NUMBER  
SPG-11225-7

DATE OF JOB  
FEBRUARY 31-FEBRUARY 2, 1975

GAUGE/RIG NUMBER  
140 MPT-S

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
25.333	488.292	06 55	FEB 01, 1975	
25.365	488.251	06 57	FEB 01, 1975	
25.400	488.292	06 59	FEB 01, 1975	
25.432	488.272	07 01	FEB 01, 1975	
25.466	488.304	07 03	FEB 01, 1975	
25.500	488.304	07 05	FEB 01, 1975	
25.533	488.261	07 07	FEB 01, 1975	
25.566	488.315	07 09	FEB 01, 1975	
25.600	488.292	07 11	FEB 01, 1975	
25.633	488.292	07 13	FEB 01, 1975	
25.666	488.292	07 15	FEB 01, 1975	
25.700	488.292	07 17	FEB 01, 1975	
25.733	488.304	07 19	FEB 01, 1975	
25.766	488.327	07 21	FEB 01, 1975	
25.800	488.223	07 23	FEB 01, 1975	
25.833	488.327	07 25	FEB 01, 1975	
25.866	488.350	07 27	FEB 01, 1975	
25.900	488.338	07 29	FEB 01, 1975	
25.933	488.350	07 31	FEB 01, 1975	
25.966	488.315	07 33	FEB 01, 1975	
26.000	488.327	07 35	FEB 01, 1975	
26.033	488.327	07 37	FEB 01, 1975	
26.066	488.327	07 39	FEB 01, 1975	
26.100	488.222	07 41	FEB 01, 1975	
26.133	488.338	07 43	FEB 01, 1975	
26.166	488.333	07 45	FEB 01, 1975	
26.200	488.315	07 47	FEB 01, 1975	
26.233	488.315	07 49	FEB 01, 1975	
26.266	488.304	07 51	FEB 01, 1975	
26.300	488.338	07 53	FEB 01, 1975	
26.333	488.327	07 55	FEB 01, 1975	
26.366	488.338	07 57	FEB 01, 1975	
26.400	488.350	07 59	FEB 01, 1975	
26.433	488.333	08 01	FEB 01, 1975	
26.466	488.350	08 03	FEB 01, 1975	
26.500	488.350	08 05	FEB 01, 1975	
26.533	488.291	08 07	FEB 01, 1975	
26.566	488.327	08 09	FEB 01, 1975	
26.600	488.333	08 11	FEB 01, 1975	
26.633	488.327	08 13	FEB 01, 1975	



GAUGE/RUN NUMBER  
140 NPT-H

DATE OF RUN

SPEECH-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
26.666	488.231	08	15 FEB 01, 1975	
26.700	488.350	08	17 FEB 01, 1975	
26.733	488.350	08	19 FEB 01, 1975	
26.766	488.350	08	21 FEB 01, 1975	
26.800	488.350	08	23 FEB 01, 1975	
26.833	488.361	08	25 FEB 01, 1975	
26.866	488.361	08	27 FEB 01, 1975	
26.900	488.361	08	29 FEB 01, 1975	
26.933	488.258	08	31 FEB 01, 1975	
26.966	488.373	08	23 FEB 01, 1975	
27.000	488.373	08	35 FEB 01, 1975	
27.033	488.351	08	37 FEB 01, 1975	
27.066	488.361	08	39 FEB 01, 1975	
27.100	488.373	08	41 FEB 01, 1975	
27.133	488.373	08	43 FEB 01, 1975	
27.166	488.407	08	45 FEB 01, 1975	
27.200	488.327	08	47 FEB 01, 1975	
27.233	488.304	08	49 FEB 01, 1975	
27.266	488.364	08	51 FEB 01, 1975	
27.300	488.373	08	53 FEB 01, 1975	
27.333	488.364	08	55 FEB 01, 1975	
27.366	488.364	09	57 FEB 01, 1975	
27.400	488.396	08	59 FEB 01, 1975	
27.433	488.373	09	01 FEB 01, 1975	
27.466	488.407	09	03 FEB 01, 1975	
27.500	488.396	09	05 FEB 01, 1975	
27.533	488.354	09	07 FEB 01, 1975	
27.566	488.346	09	09 FEB 01, 1975	
27.600	488.384	09	11 FEB 01, 1975	
27.633	488.364	09	13 FEB 01, 1975	
27.666	488.351	09	15 FEB 01, 1975	
27.700	488.396	09	17 FEB 01, 1975	
27.733	488.396	09	19 FEB 01, 1975	
27.766	488.396	09	21 FEB 01, 1975	
27.800	488.326	09	23 FEB 01, 1975	
27.833	488.437	10	25 FEB 01, 1975	
27.866	488.376	09	27 FEB 01, 1975	
27.900	488.407	09	29 FEB 01, 1975	
27.933	488.415	09	31 FEB 01, 1975	
27.966	488.419	10	33 FEB 01, 1975	



GAUGE/RUN NUMBER  
140 MPT-R

DATE OF RUN

SPERRY-SUM  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELT A TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
28.000	488.419	09 35	FEB 01, 1975	
28.033	488.419	09 37	FEB 01, 1975	
28.066	488.407	09 39	FEB 01, 1975	
28.100	488.417	09 41	FEB 01, 1975	
28.133	488.419	09 43	FEB 01, 1975	
28.166	488.419	09 45	FEB 01, 1975	
28.200	488.419	09 47	FEB 01, 1975	
28.233	488.419	09 49	FEB 01, 1975	
28.266	488.430	09 51	FEB 01, 1975	
28.300	488.430	09 53	FEB 01, 1975	
28.333	488.407	09 55	FEB 01, 1975	
28.366	488.430	09 57	FEB 01, 1975	
28.400	488.407	09 59	FEB 01, 1975	
28.433	488.430	10 01	FEB 01, 1975	
28.466	488.430	10 03	FEB 01, 1975	
28.500	488.430	10 05	FEB 01, 1975	
28.533	488.430	10 07	FEB 01, 1975	
28.566	488.453	10 09	FEB 01, 1975	
28.600	488.453	10 11	FEB 01, 1975	
28.633	488.430	10 13	FEB 01, 1975	
28.666	488.430	10 15	FEB 01, 1975	
28.700	488.442	10 17	FEB 01, 1975	
28.733	488.419	10 19	FEB 01, 1975	
28.766	488.430	10 21	FEB 01, 1975	
28.800	488.430	10 23	FEB 01, 1975	
28.833	488.430	10 25	FEB 01, 1975	
28.866	488.442	10 27	FEB 01, 1975	
28.900	488.430	10 29	FEB 01, 1975	
28.933	488.442	10 31	FEB 01, 1975	
28.966	488.442	10 33	FEB 01, 1975	
29.000	488.465	10 35	FEB 01, 1975	
29.033	488.442	10 37	FEB 01, 1975	
29.066	488.442	10 39	FEB 01, 1975	
29.100	488.407	10 41	FEB 01, 1975	
29.133	488.430	10 43	FEB 01, 1975	
29.166	488.430	10 45	FEB 01, 1975	
29.200	488.430	10 47	FEB 01, 1975	
29.233	488.473	10 49	FEB 01, 1975	
29.266	488.442	10 51	FEB 01, 1975	
29.300	488.442	10 53	FEB 01, 1975	

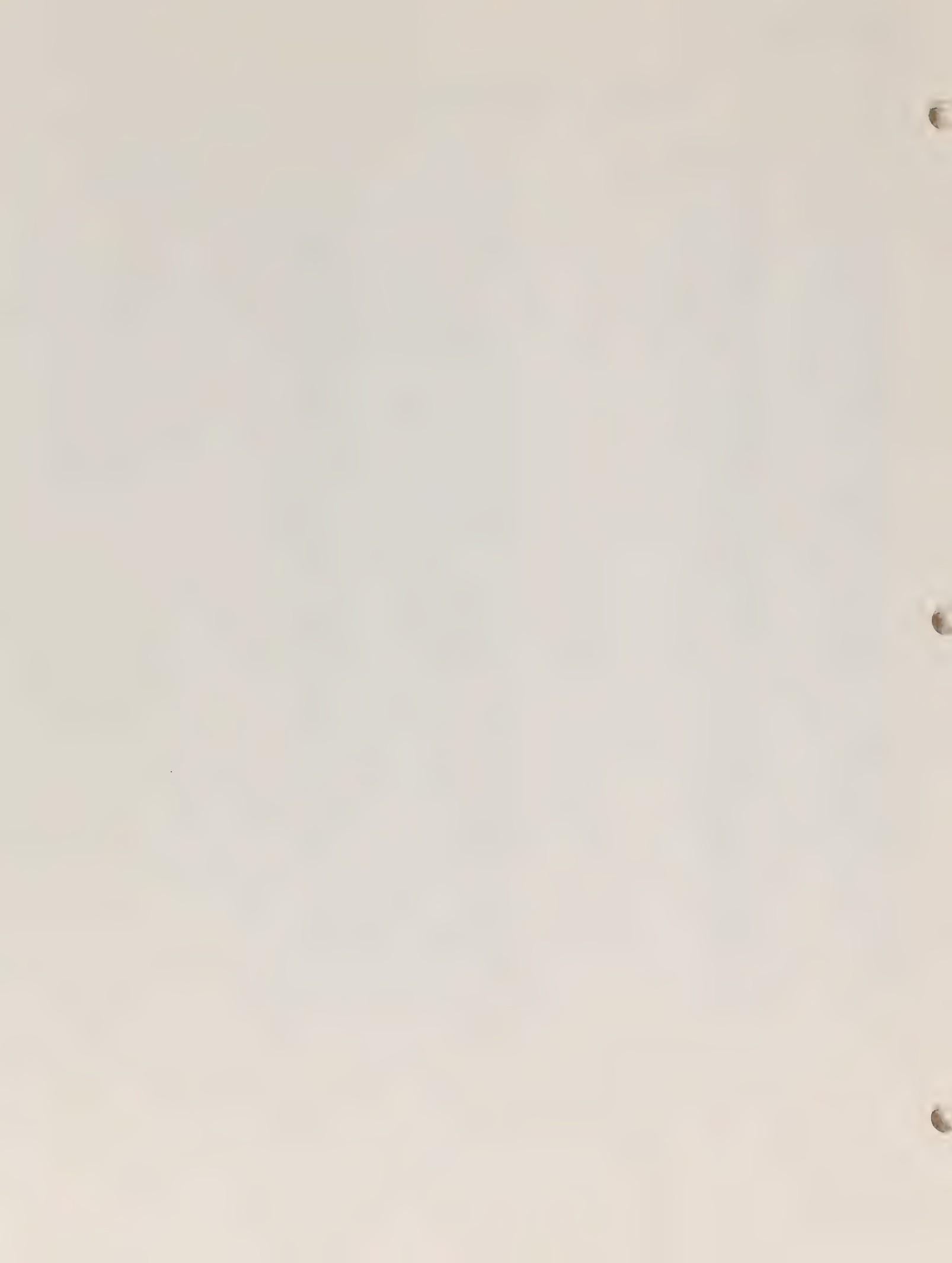


GAUGE/RUN NUMBER  
140 MPT-R

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
29.333	488.465	10 55	FEB 01, 1975	
29.366	488.442	10 57	FEB 01, 1975	
29.400	488.442	10 59	FEB 01, 1975	
29.433	488.442	11 01	FEB 01, 1975	
29.466	488.453	11 03	FEB 01, 1975	
29.500	488.453	11 05	FEB 01, 1975	
29.533	488.465	11 07	FEB 01, 1975	
29.566	488.465	11 09	FEB 01, 1975	
29.600	488.465	11 11	FEB 01, 1975	
29.633	488.442	11 13	FEB 01, 1975	
29.666	488.453	11 15	FEB 01, 1975	
29.700	488.453	11 17	FEB 01, 1975	
29.733	488.476	11 19	FEB 01, 1975	
29.766	488.476	11 21	FEB 01, 1975	
29.800	488.476	11 23	FEB 01, 1975	
29.833	488.476	11 25	FEB 01, 1975	
29.866	488.488	11 27	FEB 01, 1975	
29.900	488.468	11 29	FEB 01, 1975	
29.933	488.488	11 31	FEB 01, 1975	
29.966	488.488	11 33	FEB 01, 1975	
30.000	488.488	11 35	FEB 01, 1975	
30.033	488.476	11 37	FEB 01, 1975	
30.066	488.475	11 39	FEB 01, 1975	
30.100	488.476	11 41	FEB 01, 1975	
30.133	488.462	11 43	FEB 01, 1975	
30.166	488.499	11 45	FEB 01, 1975	
30.200	488.499	11 47	FEB 01, 1975	
30.233	488.499	11 49	FEB 01, 1975	
30.266	488.511	11 51	FEB 01, 1975	
30.300	488.499	11 53	FEB 01, 1975	
30.333	488.499	11 55	FEB 01, 1975	
30.366	488.511	11 57	FEB 01, 1975	
30.400	488.499	11 59	FEB 01, 1975	
30.433	488.465	12 01	FEB 01, 1975	
30.466	488.511	12 03	FEB 01, 1975	
30.500	488.476	12 05	FEB 01, 1975	
30.533	488.511	12 07	FEB 01, 1975	
30.566	488.498	12 09	FEB 01, 1975	
30.600	488.499	12 11	FEB 01, 1975	
30.633	498.499	12 13	FEB 01, 1975	



JANUARY 31-FEBRUARY 28, 1975

DATE OF JOB  
JANUARY 31-FEBRUARY 28, 1975

GAUGE/RUN NUMBER  
140 MPT--4

DATE OF RUN

SPEE-DY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTAE TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
30.666	488.511	12 15	FEB 01, 1975	
30.701	488.511	12 17	FEB 01, 1975	
30.733	488.499	12 19	FEB 01, 1975	
30.765	488.511	12 21	FEB 01, 1975	
30.800	488.522	12 23	FEB 01, 1975	
30.833	488.511	12 25	FEB 01, 1975	
30.865	488.522	12 27	FEB 01, 1975	
30.900	488.522	12 29	FEB 01, 1975	
30.933	488.522	12 31	FEB 01, 1975	
30.965	488.522	12 33	FEB 01, 1975	
31.000	488.522	12 35	FEB 01, 1975	
31.033	488.511	12 37	FEB 01, 1975	
31.065	488.522	12 39	FEB 01, 1975	
31.100	488.522	12 41	FEB 01, 1975	
31.133	488.522	12 43	FEB 01, 1975	
31.165	488.534	12 45	FEB 01, 1975	
31.200	488.534	12 47	FEB 01, 1975	
31.233	488.534	12 49	FEB 01, 1975	
31.265	488.522	12 51	FEB 01, 1975	
31.300	488.522	12 53	FEB 01, 1975	
31.333	488.534	12 55	FEB 01, 1975	
31.365	488.534	12 57	FEB 01, 1975	
31.400	488.511	12 59	FEB 01, 1975	
31.433	488.534	13 01	FEB 01, 1975	
31.465	488.545	13 03	FEB 01, 1975	
31.500	488.522	13 05	FEB 01, 1975	
31.533	488.511	13 07	FEB 01, 1975	
31.565	488.522	13 09	FEB 01, 1975	
31.600	488.522	13 11	FEB 01, 1975	
31.633	488.465	13 13	FEB 01, 1975	
31.665	488.522	13 15	FEB 01, 1975	
31.700	488.511	13 17	FEB 01, 1975	
31.733	488.522	13 19	FEB 01, 1975	
31.765	488.522	13 21	FEB 01, 1975	
31.800	488.522	13 23	FEB 01, 1975	
31.833	488.511	13 25	FEB 01, 1975	
31.865	488.499	13 27	FEB 01, 1975	
31.900	488.534	13 29	FEB 01, 1975	
31.933	488.557	13 31	FEB 01, 1975	
31.965	488.545	13 33	FEB 01, 1975	



JAN 1975  
SPG-1122-57

DATE OF JOB  
JANUARY 31 FEBRUARY 26, 1975

Gauge/Hole Number  
140 MPT-3

DATE OF RUN

SPECOY-SIN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DEPTH TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
32.000	488.576	13 35	FEB 01, 1975	
32.033	488.534	13 37	FEB 01, 1975	
32.066	488.534	13 39	FEB 01, 1975	
32.100	488.534	13 41	FEB 01, 1975	
32.133	488.545	13 43	FEB 01, 1975	
32.166	488.545	13 45	FEB 01, 1975	
32.200	488.558	13 47	FEB 01, 1975	
32.233	488.558	13 49	FEB 01, 1975	
32.266	488.545	13 51	FEB 01, 1975	
32.300	488.558	13 53	FEB 01, 1975	
32.333	488.557	13 55	FEB 01, 1975	
32.366	488.534	13 57	FEB 01, 1975	
32.400	488.534	13 59	FEB 01, 1975	
32.433	488.545	14 01	FEB 01, 1975	
32.466	488.545	14 03	FEB 01, 1975	
32.500	488.545	14 05	FEB 01, 1975	
32.533	488.557	14 07	FEB 01, 1975	
32.566	488.557	14 09	FEB 01, 1975	
32.600	488.534	14 11	FEB 01, 1975	
32.633	488.545	14 13	FEB 01, 1975	
32.666	488.545	14 15	FEB 01, 1975	
32.700	488.557	14 17	FEB 01, 1975	
32.733	488.534	14 19	FEB 01, 1975	
32.766	488.558	14 21	FEB 01, 1975	
32.800	488.545	14 23	FEB 01, 1975	
32.833	488.545	14 25	FEB 01, 1975	
32.866	488.511	14 27	FEB 01, 1975	
32.900	488.558	14 29	FEB 01, 1975	
32.933	488.580	14 31	FEB 01, 1975	
32.966	488.557	14 33	FEB 01, 1975	
33.000	488.557	14 35	FEB 01, 1975	
33.033	488.545	14 37	FEB 01, 1975	
33.066	488.545	14 39	FEB 01, 1975	
33.100	488.545	14 41	FEB 01, 1975	
33.133	488.534	14 43	FEB 01, 1975	
33.166	488.534	14 45	FEB 01, 1975	
33.200	488.534	14 47	FEB 01, 1975	
33.233	488.557	14 49	FEB 01, 1975	
33.266	488.522	14 51	FEB 01, 1975	
33.300	488.557	14 53	FEB 01, 1975	



JHR 1122-1  
SPG-1122-1

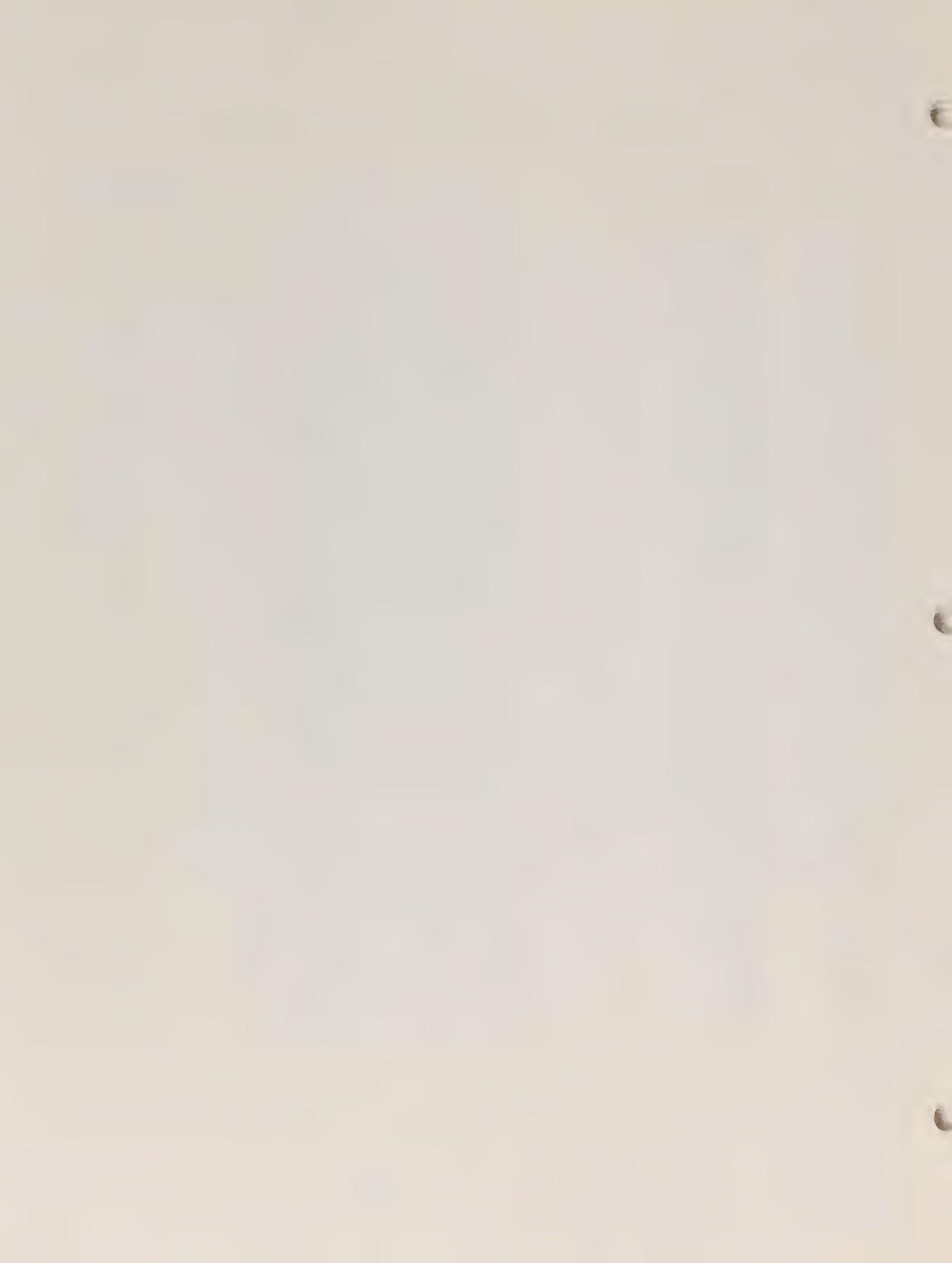
DATE OF JHR  
JANUARY 31-FEBRUARY 26, 1975

GAGE NUMBER  
140 PPT-2

DATE OF RIN

SP. PRECISION  
PRECISION SURFACE PRESSURE GAUGE REPORT

DELTa TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
33.333	488.476	14	55 FEB 01, 1975	
33.366	488.557	14	57 FEB 01, 1975	
33.400	488.557	14	59 FEB 01, 1975	
33.433	488.557	15	01 FEB 01, 1975	
33.466	488.488	15	03 FEB 01, 1975	
33.500	488.557	15	05 FEB 01, 1975	
33.533	488.557	15	07 FEB 01, 1975	
33.566	488.560	15	09 FEB 01, 1975	
33.600	488.568	15	11 FEB 01, 1975	
33.633	488.566	15	13 FEB 01, 1975	
33.666	488.560	15	15 FEB 01, 1975	
33.700	488.580	15	17 FEB 01, 1975	
33.733	488.580	15	19 FEB 01, 1975	
33.766	488.580	15	21 FEB 01, 1975	
33.800	488.580	15	23 FEB 01, 1975	
33.833	488.540	15	25 FEB 01, 1975	
33.866	488.500	15	27 FEB 01, 1975	
33.900	488.550	15	29 FEB 01, 1975	
33.933	488.603	15	31 FEB 01, 1975	
33.966	488.560	15	33 FEB 01, 1975	
34.000	488.591	15	35 FEB 01, 1975	
34.033	488.591	15	37 FEB 01, 1975	
34.066	488.603	15	39 FEB 01, 1975	
34.100	488.603	15	41 FEB 01, 1975	
34.133	488.603	15	43 FEB 01, 1975	
34.166	488.603	15	45 FEB 01, 1975	
34.200	488.511	15	47 FEB 01, 1975	
34.233	488.591	15	49 FEB 01, 1975	
34.266	488.591	15	51 FEB 01, 1975	
34.300	488.603	15	53 FEB 01, 1975	
34.333	488.603	15	55 FEB 01, 1975	
34.366	488.603	15	57 FEB 01, 1975	
34.400	488.603	15	59 FEB 01, 1975	
34.433	488.591	16	01 FEB 01, 1975	
34.466	488.568	16	03 FEB 01, 1975	
34.500	488.603	16	05 FEB 01, 1975	
34.533	488.603	16	07 FEB 01, 1975	
34.566	488.626	16	09 FEB 01, 1975	
34.600	488.520	16	11 FEB 01, 1975	
34.633	488.603	16	13 FEB 01, 1975	



JDR NUMBER  
SPG-1122-2

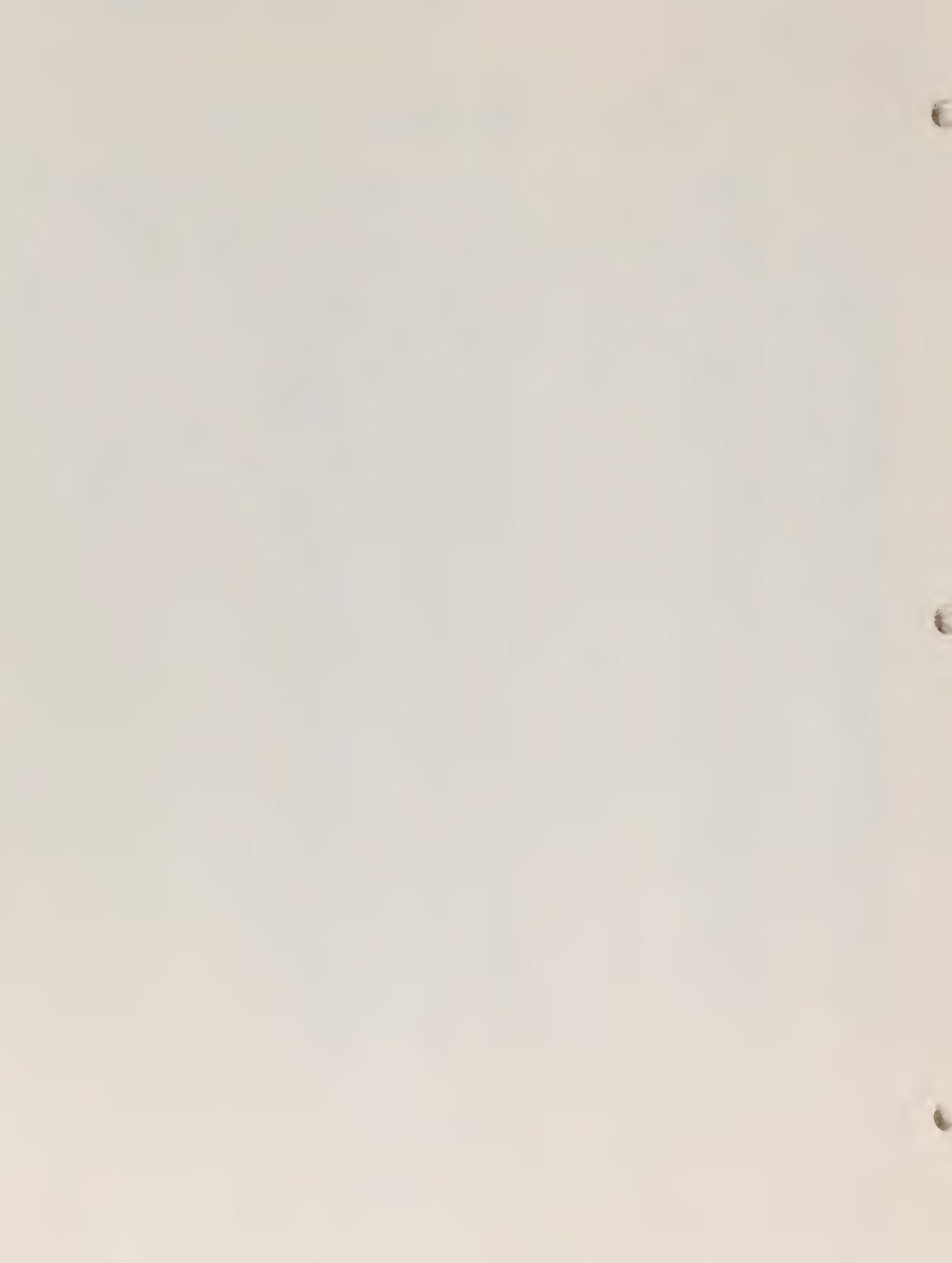
DATE OF JOB  
JANUARY 31-FEBRUARY 2, 1975

GAUGE/REL. NUMBER  
140 MPT-2

DATE OF RIN

SPEERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
34.666	488.603	16	15 FEB 01, 1975	
34.700	488.614	16	17 FEB 01, 1975	
34.733	488.614	16	19 FEB 01, 1975	
34.766	488.625	16	21 FEB 01, 1975	
34.800	488.633	16	23 FEB 01, 1975	
34.833	488.633	16	25 FEB 01, 1975	
34.866	488.644	16	27 FEB 01, 1975	
34.900	488.644	16	29 FEB 01, 1975	
34.933	488.653	16	31 FEB 01, 1975	
34.966	488.653	16	03 FEB 01, 1975	
35.000	488.663	16	05 FEB 01, 1975	
35.033	488.663	16	07 FEB 01, 1975	
35.066	488.674	16	09 FEB 01, 1975	
35.100	488.673	16	11 FEB 01, 1975	
35.133	488.674	16	13 FEB 01, 1975	
35.166	488.674	16	15 FEB 01, 1975	
35.200	488.686	16	17 FEB 01, 1975	
35.233	488.694	16	19 FEB 01, 1975	
35.266	488.694	16	21 FEB 01, 1975	
35.300	488.696	16	23 FEB 01, 1975	
35.333	488.696	16	25 FEB 01, 1975	
35.366	488.696	16	27 FEB 01, 1975	
35.400	488.696	16	29 FEB 01, 1975	
35.433	488.591	17	01 FEB 01, 1975	
35.466	488.626	17	03 FEB 01, 1975	
35.500	488.622	17	05 FEB 01, 1975	
35.533	488.620	17	07 FEB 01, 1975	
35.566	488.619	17	09 FEB 01, 1975	
35.600	488.626	17	11 FEB 01, 1975	
35.633	488.545	17	13 FEB 01, 1975	
35.666	488.637	17	15 FEB 01, 1975	
35.700	488.626	17	17 FEB 01, 1975	
35.733	488.626	17	19 FEB 01, 1975	
35.766	488.626	17	21 FEB 01, 1975	
35.800	488.626	17	23 FEB 01, 1975	
35.833	488.626	17	25 FEB 01, 1975	
35.866	488.637	17	27 FEB 01, 1975	
35.900	488.637	17	29 FEB 01, 1975	
35.933	488.637	17	31 FEB 01, 1975	
35.966	488.626	17	03 FEB 01, 1975	



JOB NUMBER  
SPG-11226-7

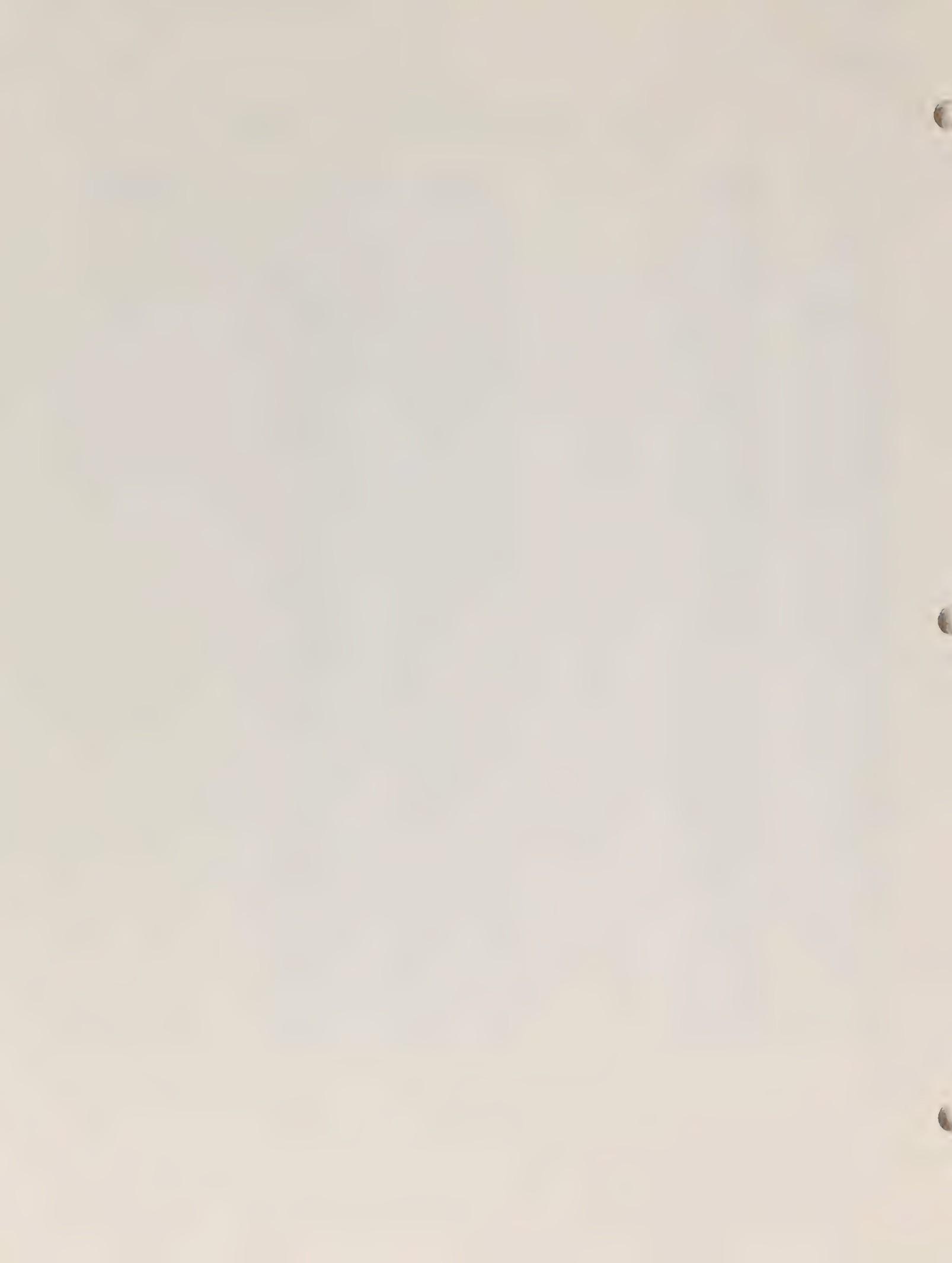
DATE OF JOB  
JANUARY 31-FEBRUARY 2, 1975

GAUGE RIDE NUMBER  
140 KPT-6

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELT A TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
36.000	488.637	17 35	FEB 01, 1975	
36.033	488.637	17 37	FEB 01, 1975	
36.066	488.644	17 39	FEB 01, 1975	
36.100	488.637	17 41	FEB 01, 1975	
36.133	488.637	17 43	FEB 01, 1975	
36.166	488.637	17 45	FEB 01, 1975	
36.200	488.637	17 47	FEB 01, 1975	
36.233	488.637	17 49	FEB 01, 1975	
36.266	488.637	17 51	FEB 01, 1975	
36.300	488.649	17 53	FEB 01, 1975	
36.333	488.637	17 55	FEB 01, 1975	
36.366	488.649	17 57	FEB 01, 1975	
36.400	488.649	17 59	FEB 01, 1975	
36.433	488.661	18 01	FEB 01, 1975	
36.466	488.661	18 03	FEB 01, 1975	
36.500	488.637	18 05	FEB 01, 1975	
36.533	488.649	18 07	FEB 01, 1975	
36.566	488.661	18 09	FEB 01, 1975	
36.600	488.661	18 11	FEB 01, 1975	
36.633	488.649	18 13	FEB 01, 1975	
36.666	488.649	18 15	FEB 01, 1975	
36.700	488.637	18 17	FEB 01, 1975	
36.733	488.649	18 19	FEB 01, 1975	
36.766	488.649	18 21	FEB 01, 1975	
36.800	488.654	18 23	FEB 01, 1975	
36.833	488.695	18 25	FEB 01, 1975	
36.866	488.695	18 27	FEB 01, 1975	
36.900	488.684	18 29	FEB 01, 1975	
36.933	488.672	18 31	FEB 01, 1975	
36.966	488.694	18 33	FEB 01, 1975	
37.000	488.684	18 35	FEB 01, 1975	
37.033	488.684	18 37	FEB 01, 1975	
37.066	488.684	18 39	FEB 01, 1975	
37.100	488.634	18 41	FEB 01, 1975	
37.133	488.684	18 43	FEB 01, 1975	
37.166	488.691	18 45	FEB 01, 1975	
37.200	488.691	18 47	FEB 01, 1975	
37.233	488.672	18 49	FEB 01, 1975	
37.266	488.672	18 51	FEB 01, 1975	
37.300	488.694	18 53	FEB 01, 1975	



TDR NUMBER  
SPG-11228-7

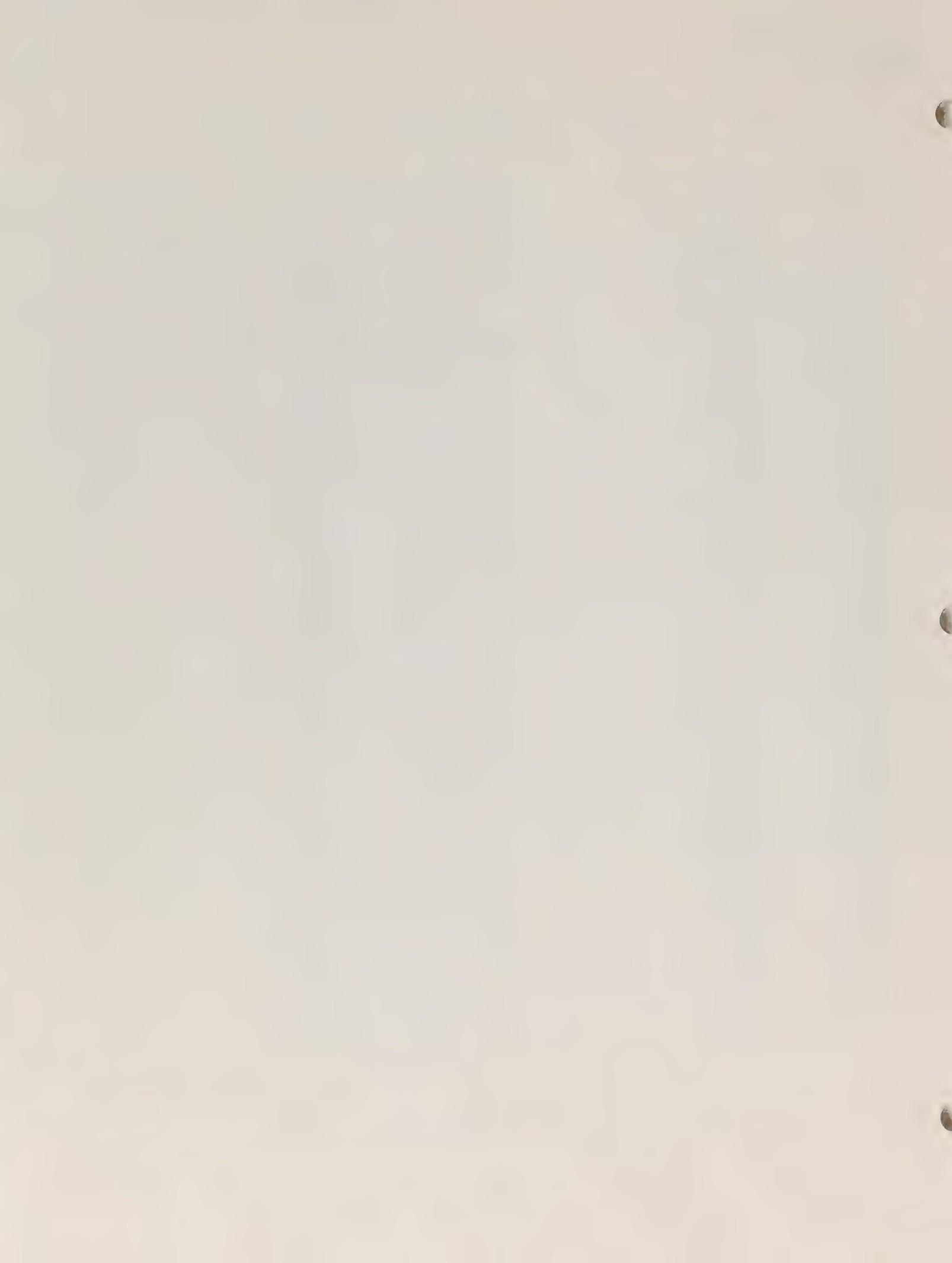
DATE OF JOB  
JANUARY 31-FEBRUARY 2, 1975

GAUGE/ZONE NUMBER  
140 METERS

DATE OF RUN

SPEERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
37.333	488.672	18 55	FEB 01, 1975	
37.366	488.637	18 57	FEB 01, 1975	
37.400	488.672	18 59	FEB 01, 1975	
37.433	488.604	19 01	FEB 01, 1975	
37.466	488.654	19 03	FEB 01, 1975	
37.500	488.672	19 05	FEB 01, 1975	
37.533	488.672	19 07	FEB 01, 1975	
37.566	488.672	19 09	FEB 01, 1975	
37.600	488.695	19 11	FEB 01, 1975	
37.633	488.695	19 13	FEB 01, 1975	
37.666	488.694	19 15	FEB 01, 1975	
37.700	488.707	19 17	FEB 01, 1975	
37.733	488.620	19 19	FEB 01, 1975	
37.766	488.695	19 21	FEB 01, 1975	
37.800	488.694	19 23	FEB 01, 1975	
37.833	488.664	19 25	FEB 01, 1975	
37.866	488.694	19 27	FEB 01, 1975	
37.900	488.707	19 29	FEB 01, 1975	
37.933	488.695	19 31	FEB 01, 1975	
37.966	488.695	19 33	FEB 01, 1975	
38.000	488.672	19 35	FEB 01, 1975	
38.033	488.707	19 37	FEB 01, 1975	
38.066	488.718	19 39	FEB 01, 1975	
38.100	488.718	19 41	FEB 01, 1975	
38.133	488.718	19 43	FEB 01, 1975	
38.166	488.695	19 45	FEB 01, 1975	
38.200	488.695	19 47	FEB 01, 1975	
38.233	488.695	19 49	FEB 01, 1975	
38.266	488.694	19 51	FEB 01, 1975	
38.300	488.707	19 53	FEB 01, 1975	
38.333	488.707	19 55	FEB 01, 1975	
38.366	488.707	19 57	FEB 01, 1975	
38.400	488.730	19 59	FEB 01, 1975	
38.433	488.707	20 01	FEB 01, 1975	
38.466	488.672	20 03	FEB 01, 1975	
38.500	488.730	20 05	FEB 01, 1975	
38.533	488.730	20 07	FEB 01, 1975	
38.566	488.730	20 19	FEB 01, 1975	
38.600	488.718	20 11	FEB 01, 1975	
38.633	488.723	20 13	FEB 01, 1975	



JOB NUMBER  
SPG-11228-1

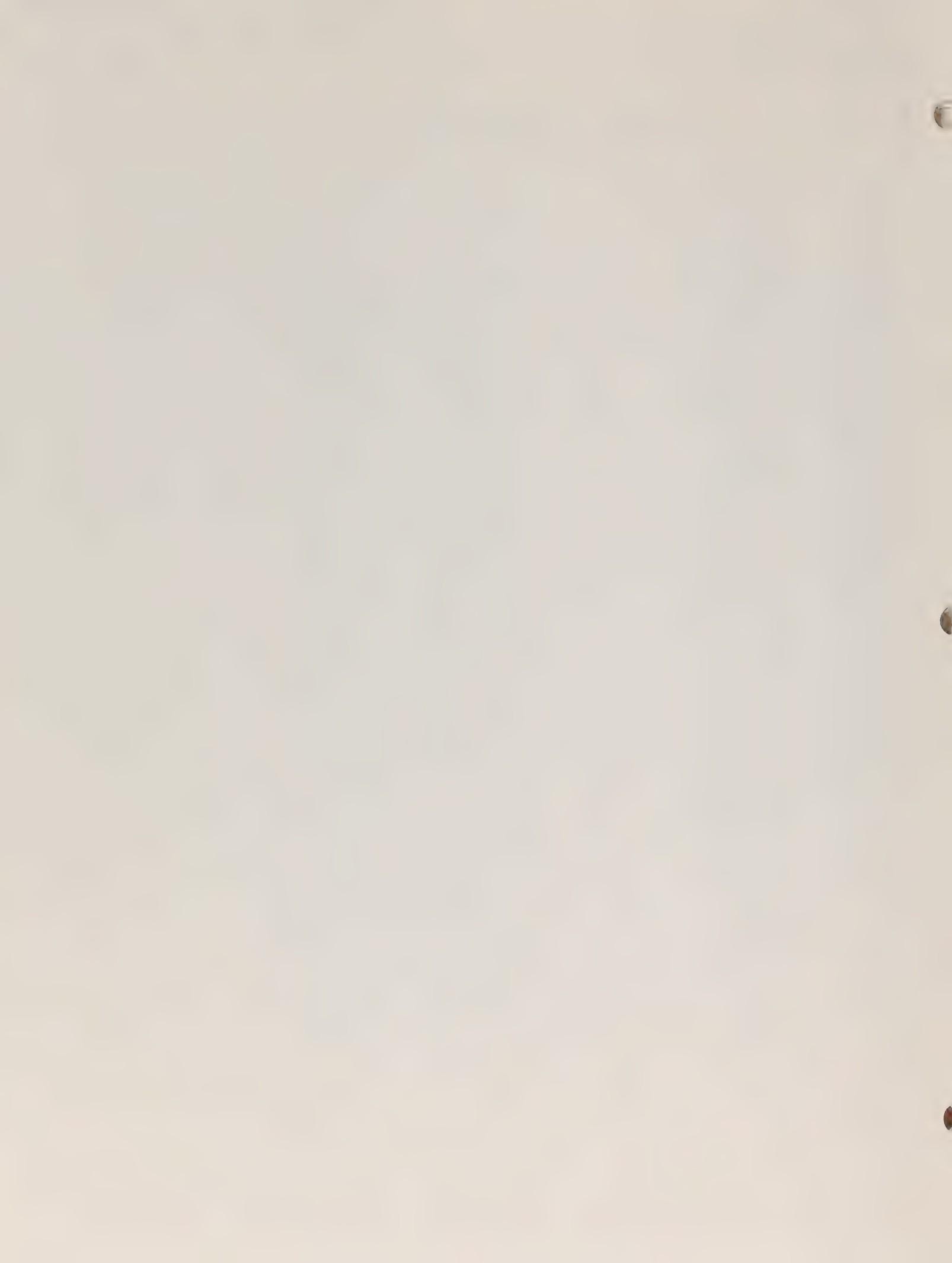
DATE OF JOB  
JANUARY 31-FEBRUARY 26, 1975

Gauge/Ring Number  
140-1P1-3

DATE OF RIN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
38.666	488.741	20 15	FEB 01, 1975	
38.701	488.741	20 17	FEB 01, 1975	
38.733	488.741	20 19	FEB 01, 1975	
38.766	488.730	20 21	FEB 01, 1975	
38.801	488.737	20 23	FEB 01, 1975	
38.833	488.730	20 25	FEB 01, 1975	
38.866	488.718	20 27	FEB 01, 1975	
38.900	488.672	20 29	FEB 01, 1975	
38.933	488.741	20 31	FEB 01, 1975	
38.966	488.645	20 33	FEB 01, 1975	
39.000	488.730	20 35	FEB 01, 1975	
39.033	488.730	20 37	FEB 01, 1975	
39.066	488.730	20 39	FEB 01, 1975	
39.100	488.730	20 41	FEB 01, 1975	
39.133	488.684	20 43	FEB 01, 1975	
39.166	488.707	20 45	FEB 01, 1975	
39.200	488.716	20 47	FEB 01, 1975	
39.233	488.672	20 49	FEB 01, 1975	
39.266	488.730	20 51	FEB 01, 1975	
39.300	488.730	20 53	FEB 01, 1975	
39.333	488.730	20 55	FEB 01, 1975	
39.366	488.717	20 57	FEB 01, 1975	
39.400	488.730	20 59	FEB 01, 1975	
39.433	488.730	21 01	FEB 01, 1975	
39.466	488.741	21 03	FEB 01, 1975	
39.500	488.753	21 05	FEB 01, 1975	
39.533	488.730	21 07	FEB 01, 1975	
39.566	488.764	21 09	FEB 01, 1975	
39.600	488.741	21 11	FEB 01, 1975	
39.633	488.741	21 13	FEB 01, 1975	
39.666	488.741	21 15	FEB 01, 1975	
39.700	488.753	21 17	FEB 01, 1975	
39.733	488.741	21 19	FEB 01, 1975	
39.766	488.753	21 21	FEB 01, 1975	
39.800	488.730	21 23	FEB 01, 1975	
39.833	488.753	21 25	FEB 01, 1975	
39.866	488.753	21 27	FEB 01, 1975	
39.900	488.707	21 29	FEB 01, 1975	
39.933	488.730	21 31	FEB 01, 1975	
39.966	488.741	21 33	FEB 01, 1975	



JOB NUMBER  
SPG-11224-7

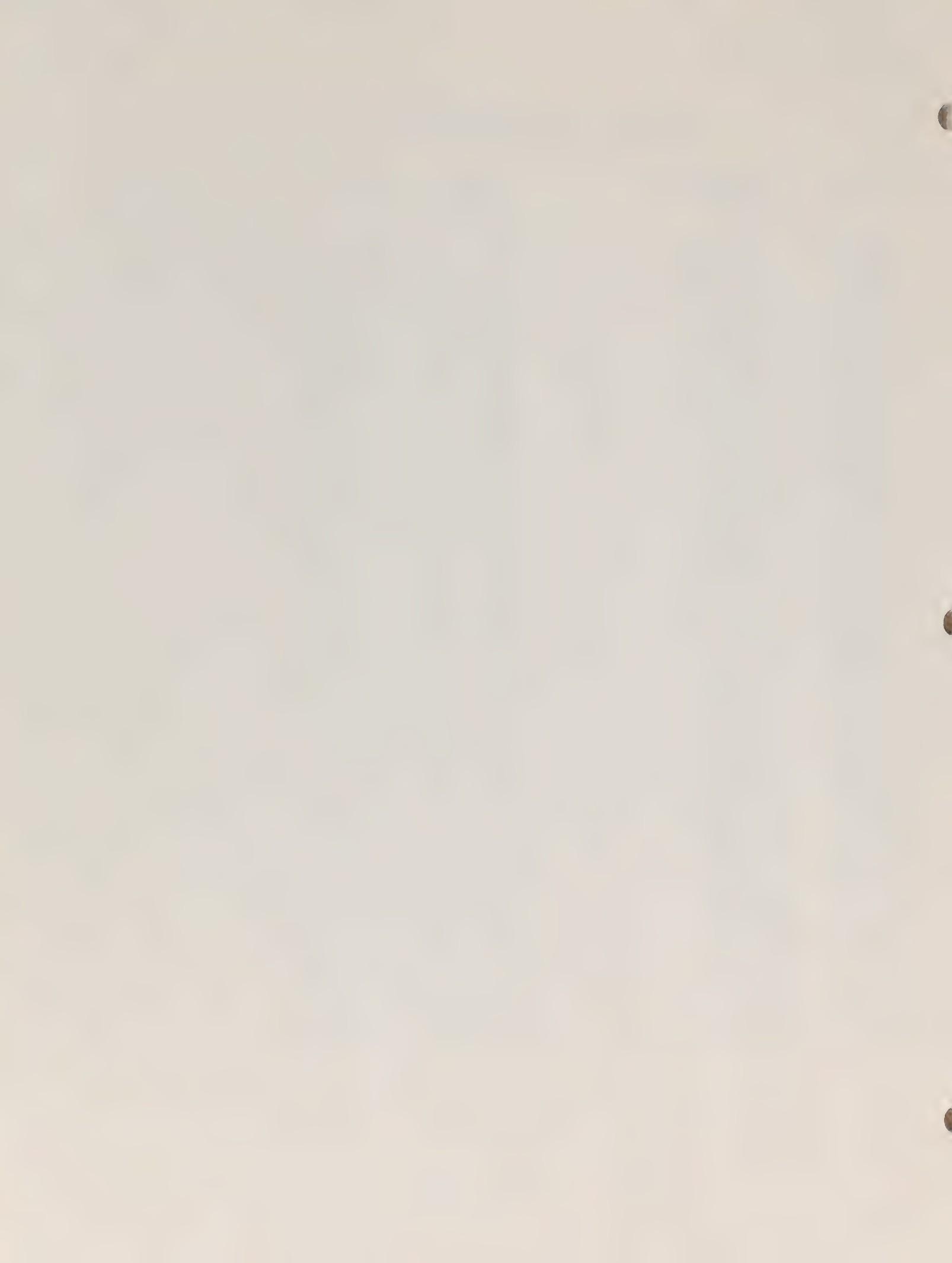
DATE OF JOB  
ANALOGY 31-FEBRUARY 2, 1975

GAUGE ZONE: SUMMER  
140' HPT-A

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTAP	PRESSURE (PSI)	TIME	DATE	COMMENTS
		HR MIN		
40.100	488.741	21	35 FEB 01, 1975	
40.033	488.753	21	37 FEB 01, 1975	
40.066	488.741	21	39 FEB 01, 1975	
40.100	488.730	21	41 FEB 01, 1975	
40.133	488.730	21	43 FEB 01, 1975	
41.166	488.741	21	45 FEB 01, 1975	
40.200	488.741	21	47 FEB 01, 1975	
40.233	488.753	21	49 FEB 01, 1975	
40.266	488.753	21	51 FEB 01, 1975	
40.300	488.764	21	53 FEB 01, 1975	
40.333	488.730	21	55 FEB 01, 1975	
40.366	488.753	21	57 FEB 01, 1975	
40.400	488.770	21	59 FEB 01, 1975	
40.433	488.753	22	01 FEB 01, 1975	
40.466	488.753	22	03 FEB 01, 1975	
40.500	488.741	22	05 FEB 01, 1975	
40.533	488.764	22	07 FEB 01, 1975	
40.566	488.753	22	09 FEB 01, 1975	
40.600	488.764	22	11 FEB 01, 1975	
40.633	488.753	22	13 FEB 01, 1975	
40.666	488.753	22	15 FEB 01, 1975	
40.700	488.764	22	17 FEB 01, 1975	
40.733	488.764	22	19 FEB 01, 1975	
40.766	488.764	22	21 FEB 01, 1975	
40.800	488.741	22	23 FEB 01, 1975	
40.833	488.710	22	25 FEB 01, 1975	
40.866	488.737	22	27 FEB 01, 1975	
40.900	488.764	22	29 FEB 01, 1975	
40.933	488.707	22	31 FEB 01, 1975	
40.966	488.622	22	33 FEB 01, 1975	
41.000	488.810	22	35 FEB 01, 1975	
41.033	488.799	22	37 FEB 01, 1975	
41.066	488.753	22	39 FEB 01, 1975	
41.100	488.718	22	41 FEB 01, 1975	
41.133	488.776	22	43 FEB 01, 1975	
41.166	488.776	22	45 FEB 01, 1975	
41.200	488.775	22	47 FEB 01, 1975	
41.233	488.799	22	49 FEB 01, 1975	
41.266	488.759	22	51 FEB 01, 1975	
41.300	488.799	22	53 FEB 01, 1975	

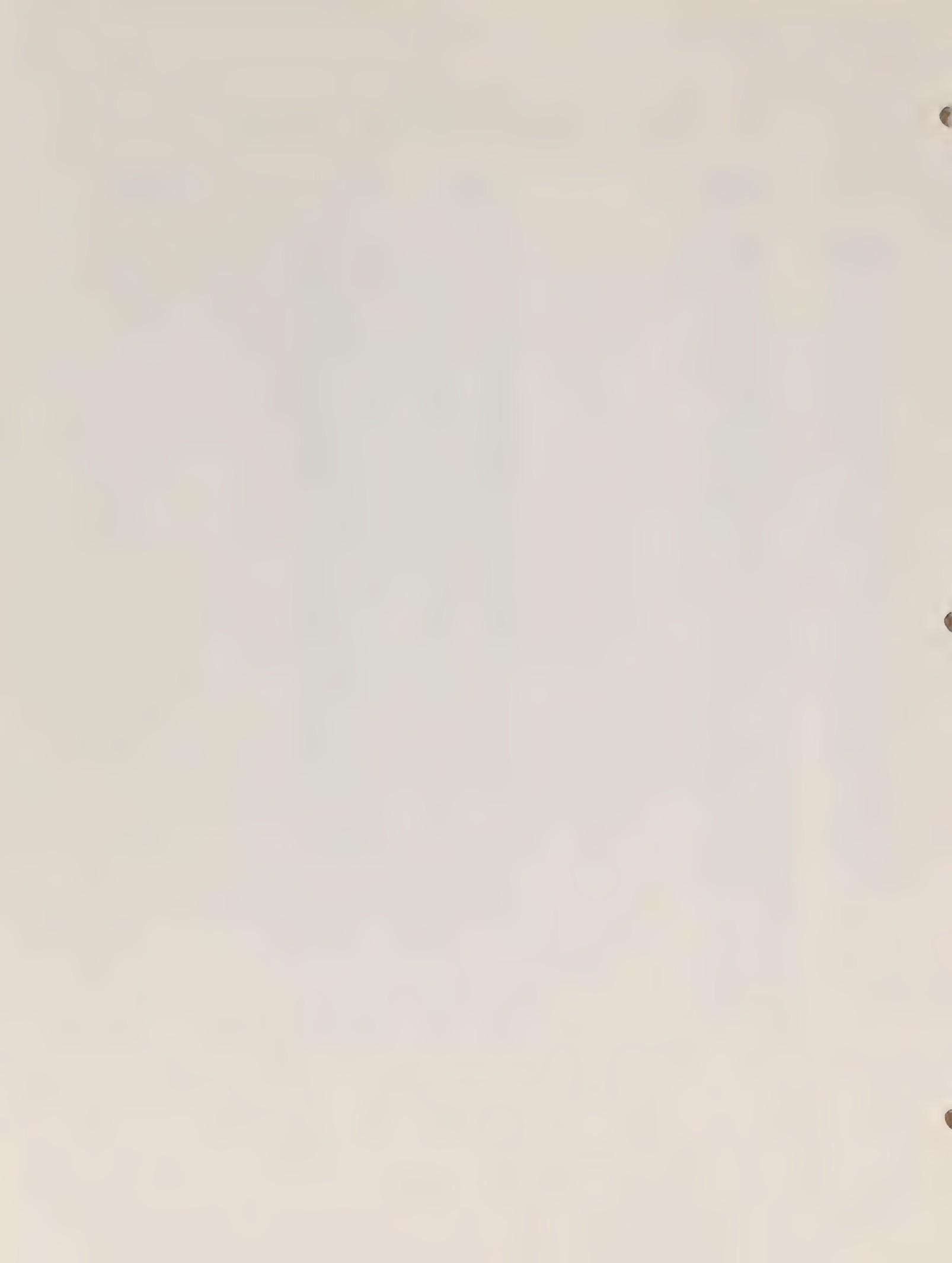


GAUGE/REED GAUGER  
140 MPT-E

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
41.333	488.799	22 55	FEB 01, 1975	
41.366	488.799	22 57	FEB 01, 1975	
41.400	488.799	22 59	FEB 01, 1975	1
41.433	488.799	23 01	FEB 01, 1975	
41.466	488.776	23 03	FEB 01, 1975	
41.500	488.799	23 05	FEB 01, 1975	
41.533	488.776	23 07	FEB 01, 1975	
41.566	488.776	23 09	FEB 01, 1975	
41.600	488.799	23 11	FEB 01, 1975	
41.633	488.764	23 13	FEB 01, 1975	
41.666	488.799	23 15	FEB 01, 1975	
41.700	488.787	23 17	FEB 01, 1975	
41.733	488.787	23 19	FEB 01, 1975	
41.766	488.810	23 21	FEB 01, 1975	
41.800	488.799	23 23	FEB 01, 1975	
41.833	488.776	23 25	FEB 01, 1975	
41.866	488.799	23 27	FEB 01, 1975	
41.900	488.799	23 29	FEB 01, 1975	
41.933	488.799	23 31	FEB 01, 1975	
41.966	488.776	23 33	FEB 01, 1975	
42.000	488.799	23 35	FEB 01, 1975	
42.033	488.741	23 37	FEB 01, 1975	
42.066	488.787	23 39	FEB 01, 1975	
42.100	488.707	23 41	FEB 01, 1975	
42.133	488.810	23 43	FEB 01, 1975	
42.166	488.737	23 45	FEB 01, 1975	
42.200	488.799	23 47	FEB 01, 1975	
42.233	488.799	23 49	FEB 01, 1975	
42.266	488.799	23 51	FEB 01, 1975	
42.300	488.799	23 53	FEB 01, 1975	
42.333	488.799	23 55	FEB 01, 1975	
42.366	488.799	23 57	FEB 01, 1975	
42.400	488.810	23 59	FEB 01, 1975	
42.433	488.787	00 01	FEB 02, 1975	
42.466	488.787	00 03	FEB 02, 1975	
42.500	488.757	00 05	FEB 02, 1975	
42.533	488.822	00 07	FEB 02, 1975	
42.566	488.822	00 09	FEB 02, 1975	
42.600	488.845	00 11	FEB 02, 1975	
42.633	488.799	00 13	FEB 02, 1975	



526-11228-7

DATE OF JOB  
JANUARY 31-FEBRUARY 2, 1975

GAUGE/RIM ADAPTER  
140 METER

DATE OF RIN

SPEERRY-SIN  
PRECISION SURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
42.666	488.610	00 15	FEB 02, 1975	
42.700	488.741	00 17	FEB 02, 1975	
42.733	488.510	00 19	FEB 02, 1975	
42.766	488.787	00 21	FEB 02, 1975	
42.800	488.787	00 23	FEB 02, 1975	
42.833	488.622	00 25	FEB 02, 1975	
42.866	488.622	00 27	FEB 02, 1975	
42.900	488.622	00 29	FEB 02, 1975	
42.933	488.622	00 31	FEB 02, 1975	
42.966	488.787	00 33	FEB 02, 1975	
43.000	488.799	00 35	FEB 02, 1975	
43.033	488.515	00 37	FEB 02, 1975	
43.066	488.753	00 39	FEB 02, 1975	
43.100	488.810	00 41	FEB 02, 1975	LAST WLL ON
43.133	488.810	00 43	FEB 02, 1975	CHART AT THE
43.166	488.810	00 45	FEB 02, 1975	TIME OF 1047
43.200	488.810	00 47	FEB 02, 1975	2-2-75

1297 POINTS REPORTED THIS RUN





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# SPERRY-SUN



POST OFFICE BOX 36363 HOUSTON, TEXAS 77036 (713) 494-3021

J. A. Fouché  
President

February 28, 1975

Mr. Frederick R. Scheerer  
Atlantic-Richfield Company  
1500 Security Life Building  
Denver, Colorado 80202

Dear Mr. Scheerer:

Enclosed is the original of our final results of the Precision Pressure Gauge, Job Number SPG-11228-9, performed on your Federal Sorghum Gulch, Tract CB, Well No. SG-1, Sorghum Gulch Field, Piceance Creek Area, Rio Blanco County, Colorado, On February 5th and 6th, 1975. This was a Multi-Packer Test with three zones being tested.

#136	Top Gauge	Surface to 968 Feet	MPT #10
#140	Middle Gauge	968 Feet to 1008 Feet	MPT #10
#145	Bottom Gauge	1008 Feet to 2522 Feet	MPT #10

Also enclosed are the charts for Gauge Numbers 136,140 and 145, with Field Data Sheets.

Distribution is being made according to the attached mailing list.

Thank you for this opportunity to be of service.

Very Truly Yours,

SPERRY-SUN

James A. Welch  
District Manager

JAW/jw

Enclosures

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JUR NUMBER  
SG-11228-\*

DATE OF JPR  
FEBRUARY 5-6, 1975

MPT #10

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT  
PREPARED FOR  
ATLANTIC RITCHFIELD COMPANY

WELL NUMBER SG-1  
FIELD/LEASE SORGHUM GULCH  
COUNTRY/STATE RID BLANCO  
STATE COLORADO  
TYPE OF TEST MPT  
REFERENCE FROM GROUND LEVEL

ADDITIONAL INFORMATION

GAUGE NO 136 WITH 560 PST ELEMENT.

GAUGE DEPTH 55 FEET TOP GAUGE

ZONE FROM GULCH TO 136 ZERO=966 FEET

INITIAL STATIC 384.364 PST

FINAL STATIC 384.467 PST

GROUND LEVEL 6425 FEET

PACKER LOCATED THIS TEST 968 FT AND 1000 FT. TD=2522 FT.

1135 POINTS REPORTED THIS JPR

PAGE 1 OF 35 PAGES



JOB NUMBER  
SPG-11228

DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
136 MP1-1U

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
0.000	387.573	04 50	FEB 05, 1975	
0.034	387.469	04 52	FEB 05, 1975	SET PACKERS
0.067	387.492	04 54	FEB 05, 1975	
0.101	387.492	04 56	FEB 05, 1975	
0.135	387.481	04 58	FEB 05, 1975	
0.168	387.492	05 00	FEB 05, 1975	
0.202	387.492	05 02	FEB 05, 1975	
0.236	387.492	05 04	FEB 05, 1975	
0.269	387.481	05 06	FEB 05, 1975	
0.303	387.492	05 08	FEB 05, 1975	
0.337	387.492	05 10	FEB 05, 1975	
0.370	387.492	05 12	FEB 05, 1975	
0.404	387.472	05 14	FEB 05, 1975	
0.438	387.492	05 16	FEB 05, 1975	
0.471	387.492	05 18	FEB 05, 1975	
0.505	387.527	05 20	FEB 05, 1975	
0.539	387.504	05 22	FEB 05, 1975	
0.572	387.492	05 24	FEB 05, 1975	
0.606	387.514	05 26	FEB 05, 1975	
0.639	387.504	05 28	FEB 05, 1975	
0.673	387.514	05 30	FEB 05, 1975	
0.707	387.514	05 32	FEB 05, 1975	
0.740	387.504	05 34	FEB 05, 1975	
0.774	387.492	05 36	FEB 05, 1975	
0.808	387.504	05 38	FEB 05, 1975	
0.841	387.504	05 40	FEB 05, 1975	
0.875	387.492	05 43	FEB 05, 1975	
0.909	387.504	05 45	FEB 05, 1975	
0.942	387.514	05 47	FEB 05, 1975	
0.976	387.514	05 49	FEB 05, 1975	
1.010	387.514	05 51	FEB 05, 1975	
1.043	387.524	05 53	FEB 05, 1975	
1.077	387.492	05 55	FEB 05, 1975	
1.110	387.504	05 57	FEB 05, 1975	
1.144	387.504	05 59	FEB 05, 1975	
1.178	387.504	06 01	FEB 05, 1975	
1.212	387.504	06 03	FEB 05, 1975	
1.245	387.504	06 05	FEB 05, 1975	
1.279	387.514	06 07	FEB 05, 1975	
1.313	387.514	06 09	FEB 05, 1975	

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3

JOB NUMBER  
SPG-11228-4

DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
136 MPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
1.346	387.516	06	11 FEB 05, 1975	
1.380	387.504	06	13 FEB 05, 1975	
1.414	387.504	06	15 FEB 05, 1975	
1.447	387.516	06	17 FEB 05, 1975	
1.481	387.516	06	19 FEB 05, 1975	
1.515	387.516	06	21 FEB 05, 1975	
1.548	387.516	06	23 FEB 05, 1975	
1.582	387.516	06	25 FEB 05, 1975	
1.616	387.516	06	27 FEB 05, 1975	
1.649	387.516	06	29 FEB 05, 1975	
1.683	387.527	06	31 FEB 05, 1975	
1.717	387.527	06	03 FEB 05, 1975	
1.750	387.527	06	05 FEB 05, 1975	
1.784	387.527	06	07 FEB 05, 1975	
1.817	387.527	06	09 FEB 05, 1975	
1.851	387.527	06	11 FEB 05, 1975	
1.885	387.527	06	13 FEB 05, 1975	
1.918	387.527	06	15 FEB 05, 1975	
1.952	387.527	06	17 FEB 05, 1975	
1.986	387.516	06	19 FEB 05, 1975	
2.019	387.527	06	21 FEB 05, 1975	
2.053	387.527	06	23 FEB 05, 1975	
2.087	387.527	06	25 FEB 05, 1975	
2.120	387.527	06	27 FEB 05, 1975	
2.154	387.527	06	29 FEB 05, 1975	
2.188	387.527	07	01 FEB 05, 1975	
2.221	387.527	07	03 FEB 05, 1975	
2.255	387.534	07	05 FEB 05, 1975	
2.289	387.527	07	07 FEB 05, 1975	
2.322	387.539	07	09 FEB 05, 1975	
2.356	387.539	07	11 FEB 05, 1975	
2.390	387.539	07	13 FEB 05, 1975	
2.423	387.527	07	15 FEB 05, 1975	
2.457	387.527	07	17 FEB 05, 1975	
2.491	387.539	07	19 FEB 05, 1975	
2.524	387.539	07	21 FEB 05, 1975	
2.558	387.539	07	23 FEB 05, 1975	
2.592	387.539	07	25 FEB 05, 1975	
2.625	387.539	07	28 FEB 05, 1975	
2.659	387.539	07	30 FEB 05, 1975	

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JOB NUMBER  
SPG-11228-9

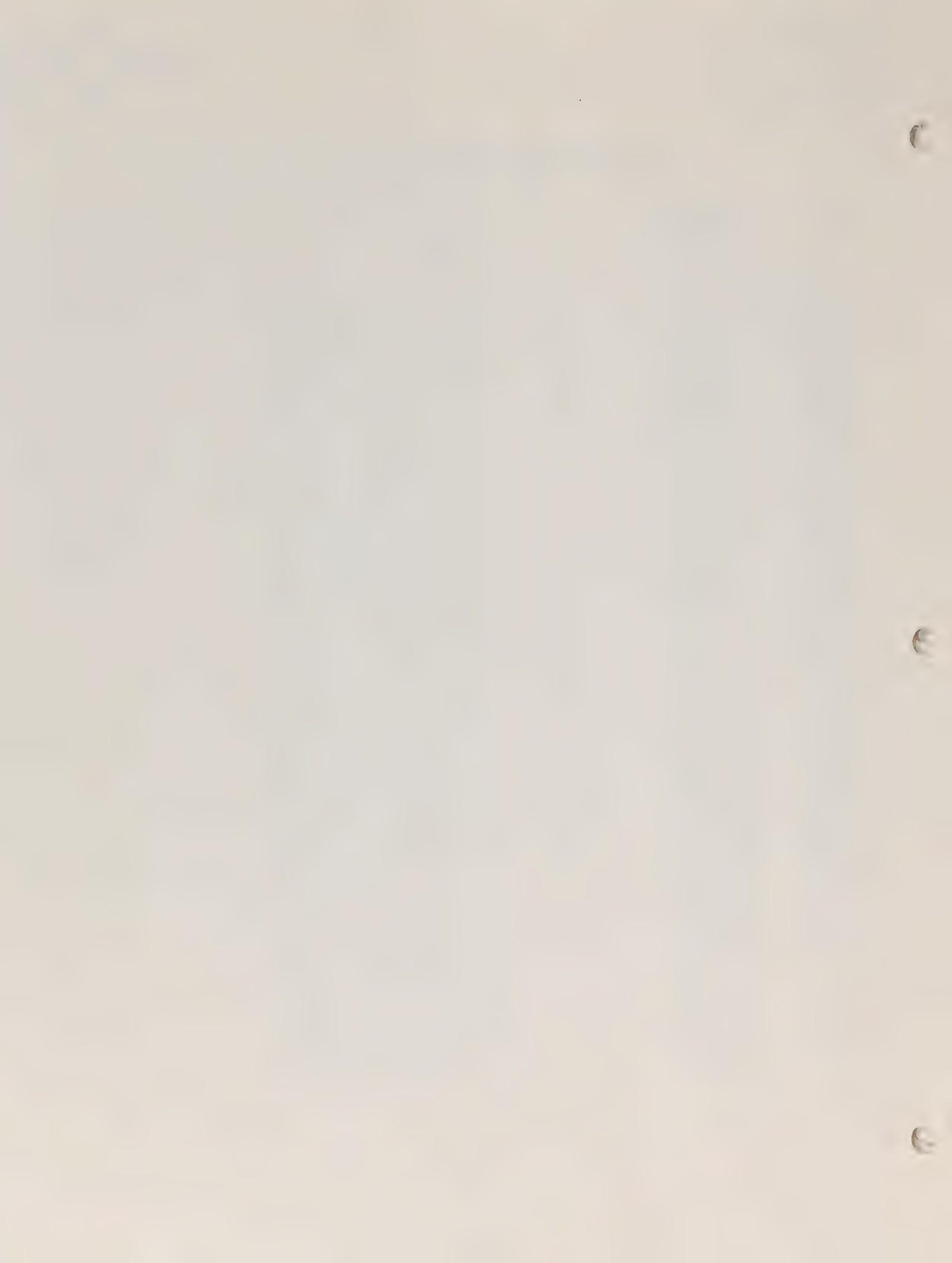
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
136 MPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PST)	TIME HR MIN	DATE	COMMENTS
2.693	387.550	07 32	FEB 05, 1975	
2.726	387.539	07 34	FEB 05, 1975	
2.760	387.550	07 36	FEB 05, 1975	
2.794	387.550	07 38	FEB 05, 1975	
2.827	387.550	07 40	FEB 05, 1975	
2.861	387.550	07 42	FEB 05, 1975	
2.895	387.550	07 44	FEB 05, 1975	
2.928	387.550	07 46	FEB 05, 1975	
2.962	387.539	07 48	FEB 05, 1975	
2.995	387.550	07 50	FEB 05, 1975	
3.029	387.550	07 52	FEB 05, 1975	
3.063	387.550	07 54	FEB 05, 1975	
3.096	387.550	07 56	FEB 05, 1975	
3.130	387.550	07 58	FEB 05, 1975	
3.164	387.550	08 00	FEB 05, 1975	
3.197	387.527	08 02	FEB 05, 1975	
3.231	387.539	08 04	FEB 05, 1975	
3.265	387.539	08 06	FEB 05, 1975	
3.298	387.539	08 08	FEB 05, 1975	
3.332	387.527	08 10	FEB 05, 1975	
3.366	387.539	08 12	FEB 05, 1975	
3.399	387.534	08 14	FEB 05, 1975	
3.433	387.539	08 16	FEB 05, 1975	
3.467	387.527	08 18	FEB 05, 1975	
3.500	387.539	08 20	FEB 05, 1975	
3.534	387.539	08 22	FEB 05, 1975	
3.568	387.539	08 24	FEB 05, 1975	
3.601	387.539	08 26	FEB 05, 1975	
3.635	387.539	08 28	FEB 05, 1975	
3.669	387.539	08 30	FEB 05, 1975	
3.702	387.539	08 32	FEB 05, 1975	
3.736	387.552	08 34	FEB 05, 1975	
3.771	387.539	08 36	FEB 05, 1975	
3.805	387.527	08 38	FEB 05, 1975	
3.837	387.492	08 40	FEB 05, 1975	
3.871	387.481	08 42	FEB 05, 1975	
3.904	387.469	08 44	FEB 05, 1975	
3.938	387.481	08 46	FEB 05, 1975	
3.972	387.446	08 48	FEB 05, 1975	
4.005	387.446	08 50	FEB 05, 1975	



JOB NUMBER  
SPG-11228-9

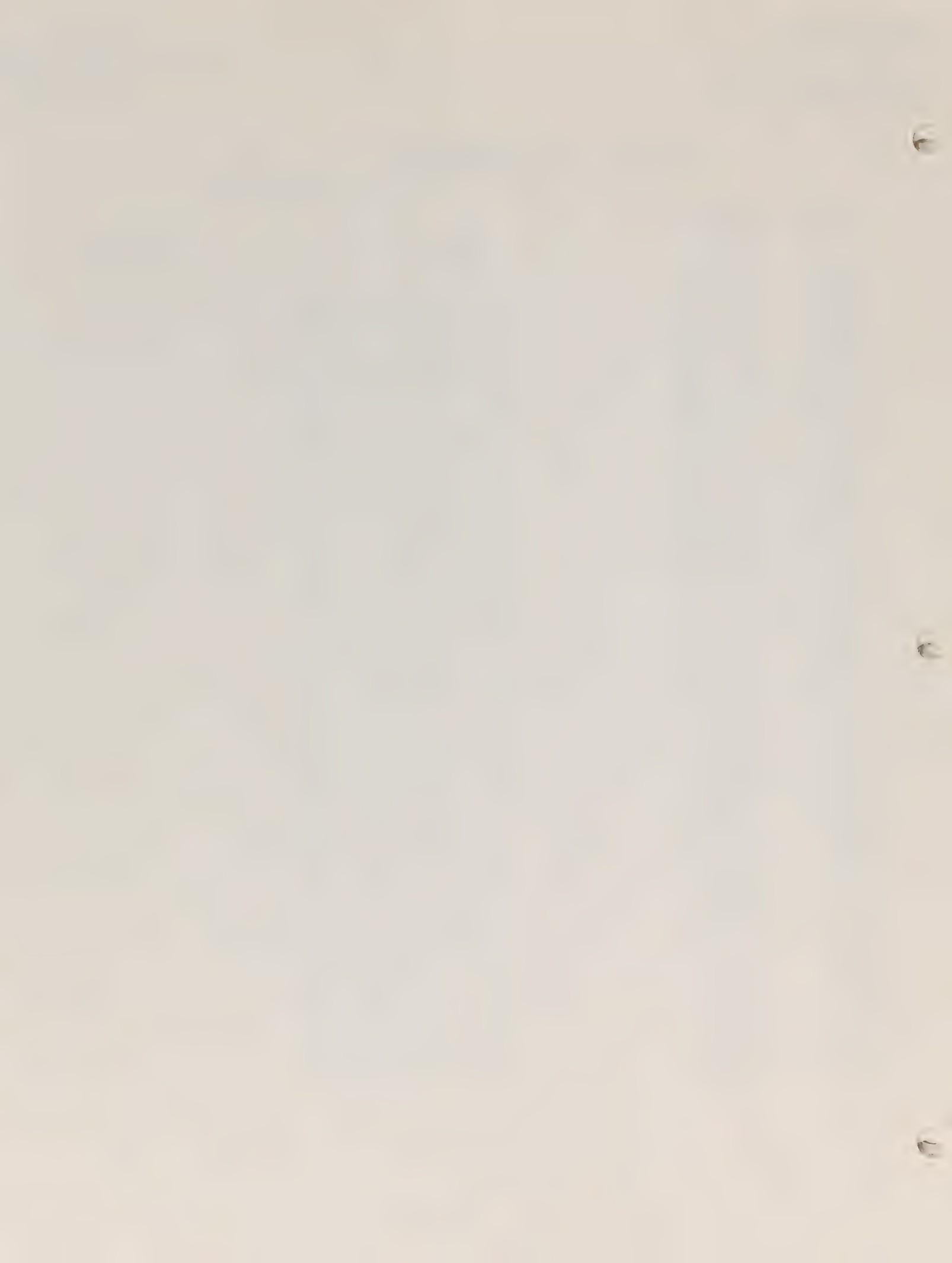
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
136 MPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PST)	TIME HR MIN	DATE	COMMENTS
4.039	387.469	08 52	FEB 05, 1975	
4.072	387.492	08 54	FEB 05, 1975	
4.106	387.492	08 56	FEB 05, 1975	
4.140	387.492	08 58	FEB 05, 1975	
4.173	387.492	09 00	FEB 05, 1975	
4.207	387.492	09 02	FEB 05, 1975	
4.241	387.492	09 04	FEB 05, 1975	
4.274	387.492	09 06	FEB 05, 1975	
4.308	387.492	09 08	FEB 05, 1975	
4.342	387.492	09 11	FEB 05, 1975	
4.375	387.492	09 13	FEB 05, 1975	
4.409	387.492	09 15	FEB 05, 1975	
4.443	387.516	09 17	FEB 05, 1975	
4.476	387.504	09 19	FEB 05, 1975	
4.510	387.516	09 21	FEB 05, 1975	
4.544	387.504	09 23	FEB 05, 1975	
4.577	387.504	09 25	FEB 05, 1975	
4.611	387.516	09 27	FEB 05, 1975	
4.645	387.504	09 29	FEB 05, 1975	
4.678	387.516	09 31	FEB 05, 1975	
4.712	387.516	09 33	FEB 05, 1975	
4.746	387.504	09 35	FEB 05, 1975	
4.779	387.504	09 37	FEB 05, 1975	
4.813	387.504	09 39	FEB 05, 1975	
4.847	387.504	09 41	FEB 05, 1975	
4.880	387.504	09 43	FEB 05, 1975	
4.914	387.527	09 45	FEB 05, 1975	
4.948	387.527	09 47	FEB 05, 1975	
4.981	387.527	09 49	FEB 05, 1975	
5.015	387.527	09 51	FEB 05, 1975	
5.049	387.527	09 53	FEB 05, 1975	
5.082	387.527	09 55	FEB 05, 1975	
5.116	387.527	09 57	FEB 05, 1975	
5.150	387.527	09 59	FEB 05, 1975	
5.183	387.539	10 01	FEB 05, 1975	
5.217	387.527	10 03	FEB 05, 1975	
5.250	387.539	10 05	FEB 05, 1975	
5.284	387.527	10 07	FEB 05, 1975	
5.318	387.539	10 09	FEB 05, 1975	
5.351	387.539	10 11	FEB 05, 1975	



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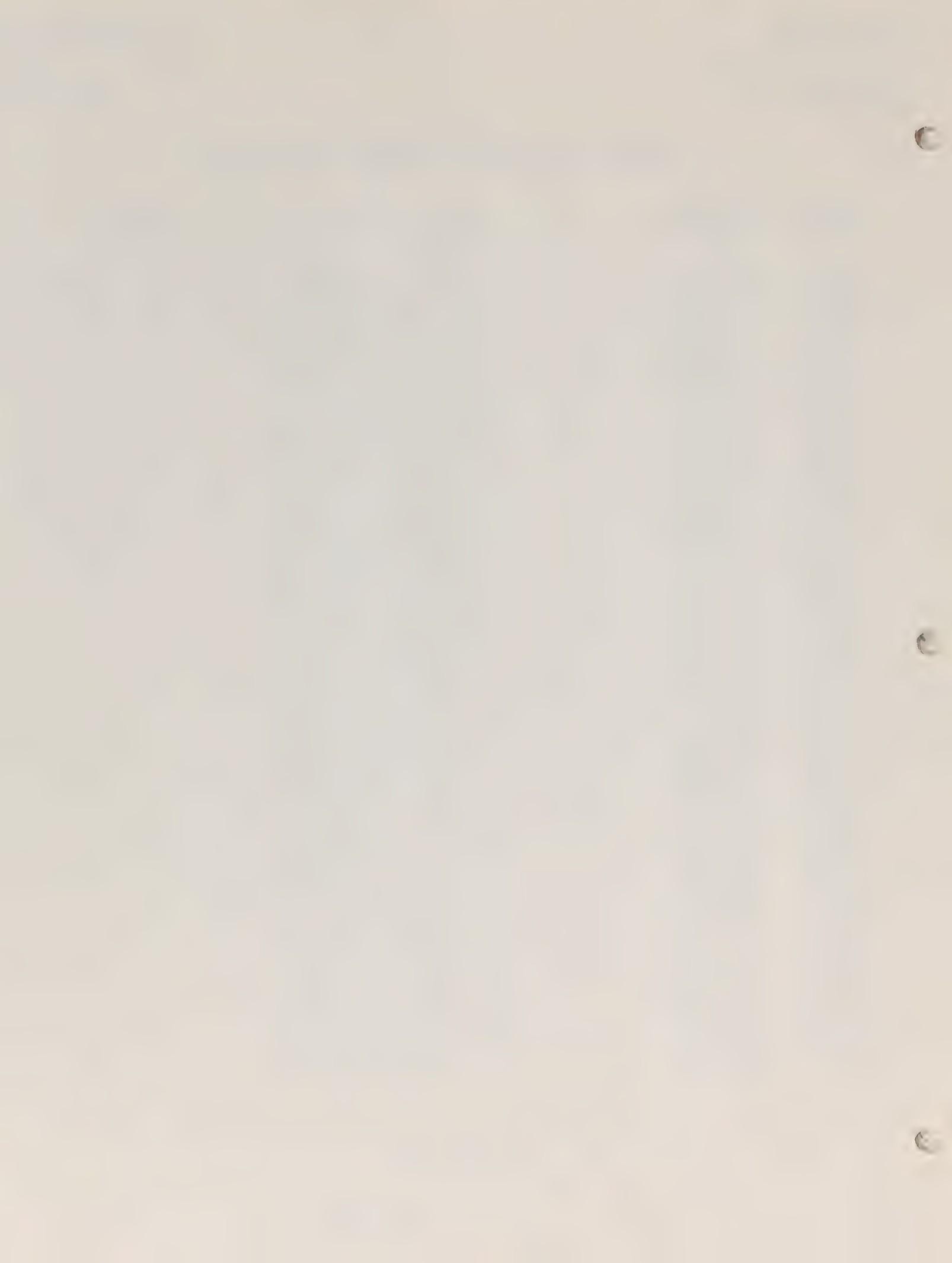
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
136 MPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PST)	TIME HR MIN	DATE	COMMENTS
5.385	387.527	10 13	FEB 05, 1975	
5.419	387.539	10 15	FEB 05, 1975	
5.452	387.539	10 17	FEB 05, 1975	
5.486	387.539	10 19	FEB 05, 1975	
5.520	387.539	10 21	FEB 05, 1975	
5.553	387.539	10 23	FEB 05, 1975	
5.587	387.539	10 25	FEB 05, 1975	
5.621	387.539	10 27	FEB 05, 1975	
5.654	387.539	10 29	FEB 05, 1975	
5.688	387.539	10 31	FEB 05, 1975	
5.722	387.539	10 33	FEB 05, 1975	
5.755	387.539	10 35	FEB 05, 1975	
5.789	387.539	10 37	FEB 05, 1975	
5.823	387.550	10 39	FEB 05, 1975	
5.856	387.550	10 41	FEB 05, 1975	
5.690	387.550	10 43	FEB 05, 1975	
5.924	387.562	10 45	FEB 05, 1975	
5.957	387.550	10 47	FEB 05, 1975	
5.991	387.573	10 49	FEB 05, 1975	
6.025	387.550	10 51	FEB 05, 1975	
6.058	387.643	10 53	FEB 05, 1975	
6.092	387.655	10 56	FEB 05, 1975	
6.126	387.712	10 58	FEB 05, 1975	
6.154	387.712	11 00	FEB 05, 1975	
6.193	387.736	11 02	FEB 05, 1975	
6.227	387.759	11 04	FEB 05, 1975	
6.260	387.759	11 06	FEB 05, 1975	
6.294	387.759	11 08	FEB 05, 1975	
6.325	387.759	11 10	FEB 05, 1975	
6.361	387.762	11 12	FEB 05, 1975	
6.395	387.762	11 14	FEB 05, 1975	
6.428	387.759	11 16	FEB 05, 1975	
6.462	387.724	11 18	FEB 05, 1975	
6.496	387.712	11 20	FEB 05, 1975	
6.529	387.701	11 22	FEB 05, 1975	
6.563	387.678	11 24	FEB 05, 1975	
6.597	387.678	11 26	FEB 05, 1975	
6.630	387.678	11 28	FEB 05, 1975	
6.664	387.678	11 30	FEB 05, 1975	
6.698	387.666	11 32	FEB 05, 1975	



JOB NUMBER  
SPG-11228-7

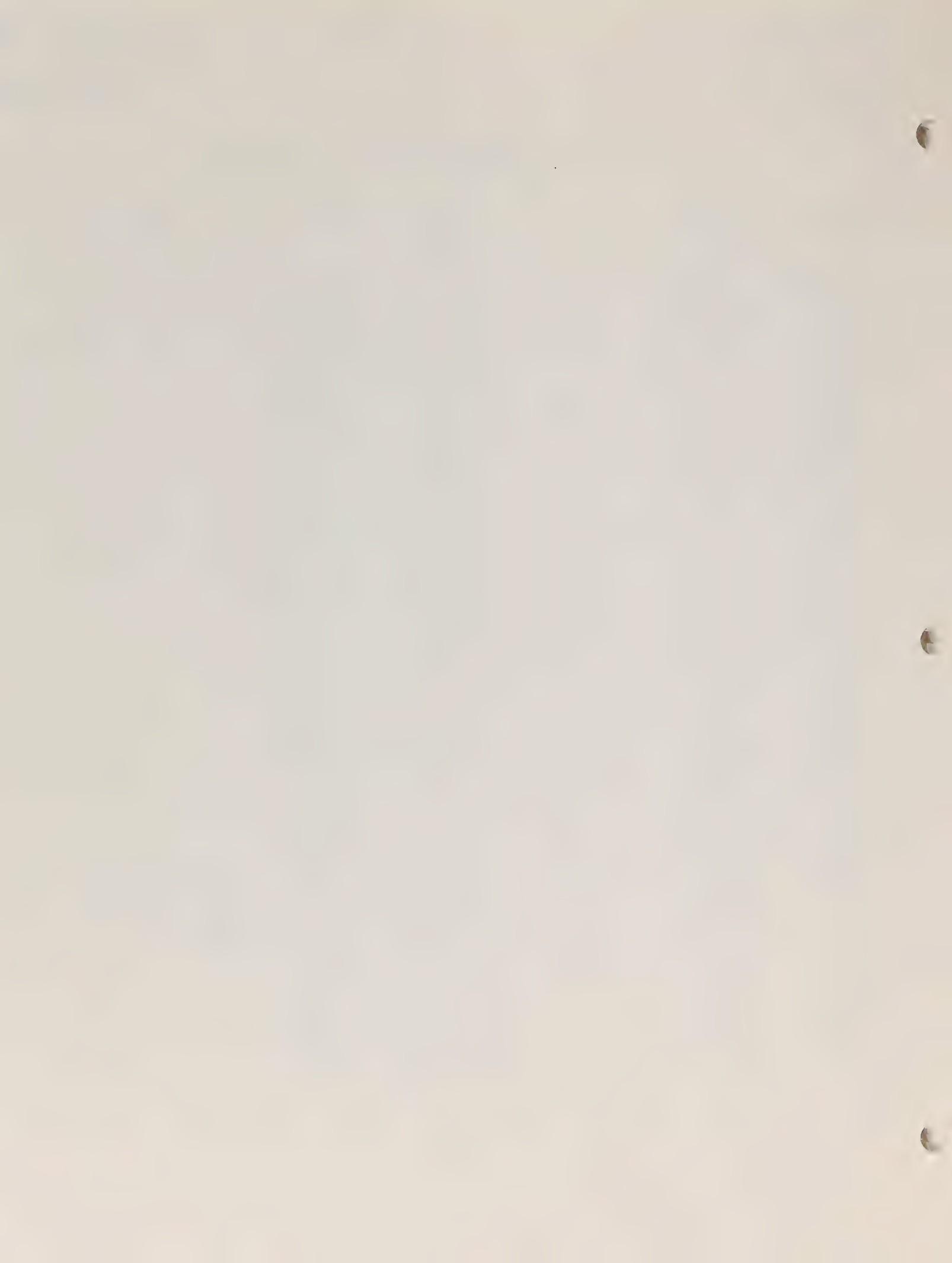
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
136 MFT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
6.731	387.652	11 34	FEB 05, 1975	
6.765	387.665	11 36	FEB 05, 1975	
6.799	387.643	11 38	FEB 05, 1975	
6.832	387.655	11 41	FEB 05, 1975	
6.866	387.643	11 42	FEB 05, 1975	
6.900	387.631	11 44	FEB 05, 1975	
6.933	387.643	11 46	FEB 05, 1975	
6.967	387.635	11 48	FEB 05, 1975	
7.001	387.655	11 50	FEB 05, 1975	
7.034	387.643	11 52	FEB 05, 1975	
7.068	387.643	11 54	FEB 05, 1975	
7.102	387.643	11 56	FEB 05, 1975	
7.135	387.663	11 58	FEB 05, 1975	
7.169	387.643	12 00	FEB 05, 1975	
7.202	387.643	12 02	FEB 05, 1975	
7.236	387.655	12 04	FEB 05, 1975	
7.270	387.643	12 06	FEB 05, 1975	
7.304	387.655	12 08	FEB 05, 1975	
7.337	387.655	12 10	FEB 05, 1975	
7.371	387.655	12 12	FEB 05, 1975	
7.405	387.655	12 14	FEB 05, 1975	
7.439	387.643	12 16	FEB 05, 1975	
7.472	387.627	12 18	FEB 05, 1975	
7.506	387.655	12 20	FEB 05, 1975	
7.539	387.655	12 22	FEB 05, 1975	
7.573	387.643	12 24	FEB 05, 1975	
7.606	387.655	12 26	FEB 05, 1975	
7.640	387.655	12 28	FEB 05, 1975	
7.673	387.655	12 30	FEB 05, 1975	
7.707	387.663	12 32	FEB 05, 1975	START TESTING
7.741	387.655	12 34	FEB 05, 1975	TO SEE IF PACK
7.775	387.673	12 36	FEB 05, 1975	ERS SET BEFORE
7.808	387.639	12 39	FEB 05, 1975	START OF JET
7.842	387.639	12 41	FEB 05, 1975	TEST
7.875	387.663	12 43	FEB 05, 1975	
7.909	387.673	12 45	FEB 05, 1975	
7.943	387.655	12 47	FEB 05, 1975	
7.977	387.655	12 49	FEB 05, 1975	
8.011	387.655	12 51	FEB 05, 1975	
8.045	387.655	12 53	FEB 05, 1975	



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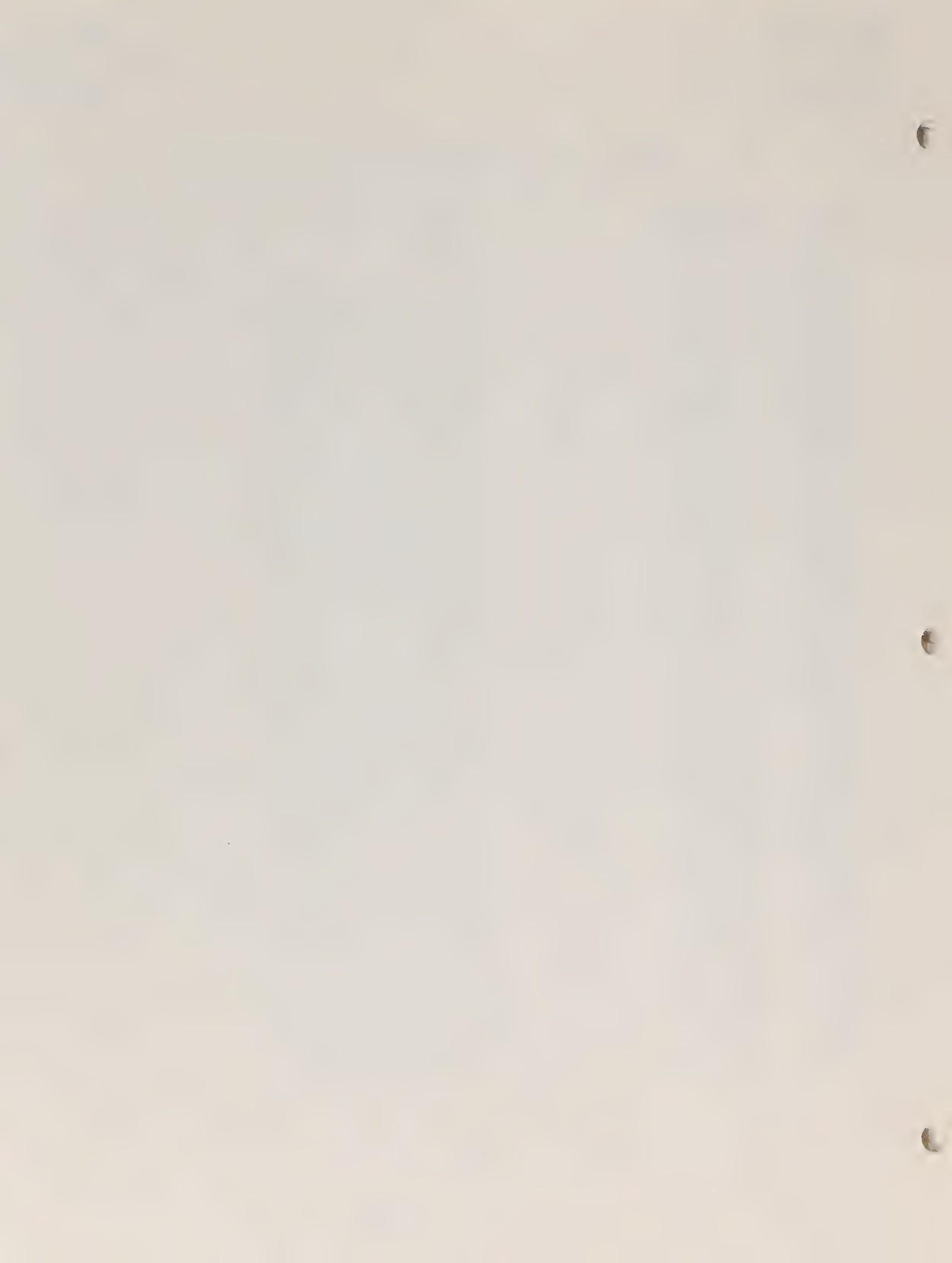
DATE OF JOB  
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136 MPT-10

DATE OF RUN

SPEERY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PST)	TIME HR MIN	DATE	COMMENTS
8.078	387.689	12 55	FEB 05, 1975	
8.111	387.689	12 57	FEB 05, 1975	
8.145	387.678	12 59	FEB 05, 1975	
8.179	387.678	13 01	FEB 05, 1975	
8.212	387.678	13 03	FEB 05, 1975	
8.246	387.678	13 05	FEB 05, 1975	
8.280	387.678	13 07	FEB 05, 1975	
8.313	387.678	13 09	FEB 05, 1975	
8.347	387.678	13 11	FEB 05, 1975	
8.381	387.701	13 13	FEB 05, 1975	
8.414	387.689	13 15	FEB 05, 1975	
8.448	387.678	13 17	FEB 05, 1975	
8.482	387.689	13 19	FEB 05, 1975	
8.515	387.689	13 21	FEB 05, 1975	
8.549	387.678	13 23	FEB 05, 1975	
8.583	387.689	13 25	FEB 05, 1975	
8.616	387.689	13 27	FEB 05, 1975	
8.650	387.689	13 29	FEB 05, 1975	
8.684	387.701	13 31	FEB 05, 1975	
8.717	387.712	13 33	FEB 05, 1975	
8.751	387.701	13 35	FEB 05, 1975	
8.784	387.701	13 37	FEB 05, 1975	
8.818	387.701	13 39	FEB 05, 1975	
8.852	387.689	13 41	FEB 05, 1975	
8.885	387.701	13 43	FEB 05, 1975	
8.919	387.701	13 45	FEB 05, 1975	
8.953	387.701	13 47	FEB 05, 1975	
8.986	387.701	13 49	FEB 05, 1975	
9.020	387.701	13 51	FEB 05, 1975	
9.054	387.701	13 53	FEB 05, 1975	
9.087	387.701	13 55	FEB 05, 1975	
9.121	387.701	13 57	FEB 05, 1975	
9.155	387.724	13 59	FEB 05, 1975	
9.188	387.712	14 01	FEB 05, 1975	
9.222	387.712	14 03	FEB 05, 1975	
9.256	387.724	14 05	FEB 05, 1975	
9.289	387.724	14 07	FEB 05, 1975	
9.323	387.724	14 09	FEB 05, 1975	
9.357	387.724	14 11	FEB 05, 1975	
9.390	387.724	14 13	FEB 05, 1975	



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PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
9.424	387.724	14 15	FEB 05, 1975	
9.458	387.712	14 17	FEB 05, 1975	
9.491	387.724	14 19	FEB 05, 1975	
9.525	387.724	14 21	FEB 05, 1975	START JETTING
9.559	387.724	14 24	FEB 05, 1975	
9.592	387.724	14 26	FEB 05, 1975	
9.626	387.724	14 28	FEB 05, 1975	
9.660	387.724	14 30	FEB 05, 1975	
9.693	387.736	14 32	FEB 05, 1975	
9.727	387.724	14 34	FEB 05, 1975	
9.761	387.724	14 36	FEB 05, 1975	
9.794	387.736	14 38	FEB 05, 1975	
9.828	387.736	14 40	FEB 05, 1975	
9.862	387.724	14 42	FEB 05, 1975	
9.895	387.724	14 44	FEB 05, 1975	
9.929	387.724	14 46	FEB 05, 1975	
9.962	387.724	14 48	FEB 05, 1975	
9.996	387.712	14 50	FEB 05, 1975	
10.030	387.712	14 52	FEB 05, 1975	
10.063	387.701	14 54	FEB 05, 1975	
10.097	387.724	14 56	FEB 05, 1975	
10.131	387.711	14 58	FEB 05, 1975	
10.164	387.689	15 00	FEB 05, 1975	
10.193	387.689	15 02	FEB 05, 1975	
10.232	387.689	15 04	FEB 05, 1975	
10.265	387.689	15 06	FEB 05, 1975	
10.299	387.689	15 08	FEB 05, 1975	
10.332	387.689	15 10	FEB 05, 1975	
10.366	387.678	15 12	FEB 05, 1975	
10.400	387.689	15 14	FEB 05, 1975	
10.430	387.678	15 16	FEB 05, 1975	
10.467	387.679	15 18	FEB 05, 1975	
10.501	387.689	15 20	FEB 05, 1975	
10.532	387.678	15 22	FEB 05, 1975	
10.568	387.689	15 24	FEB 05, 1975	
10.602	387.650	15 26	FEB 05, 1975	
10.636	387.689	15 28	FEB 05, 1975	
10.660	387.689	15 30	FEB 05, 1975	
10.701	387.689	15 32	FEB 05, 1975	
10.737	387.678	15 34	FEB 05, 1975	



JOB NUMBER  
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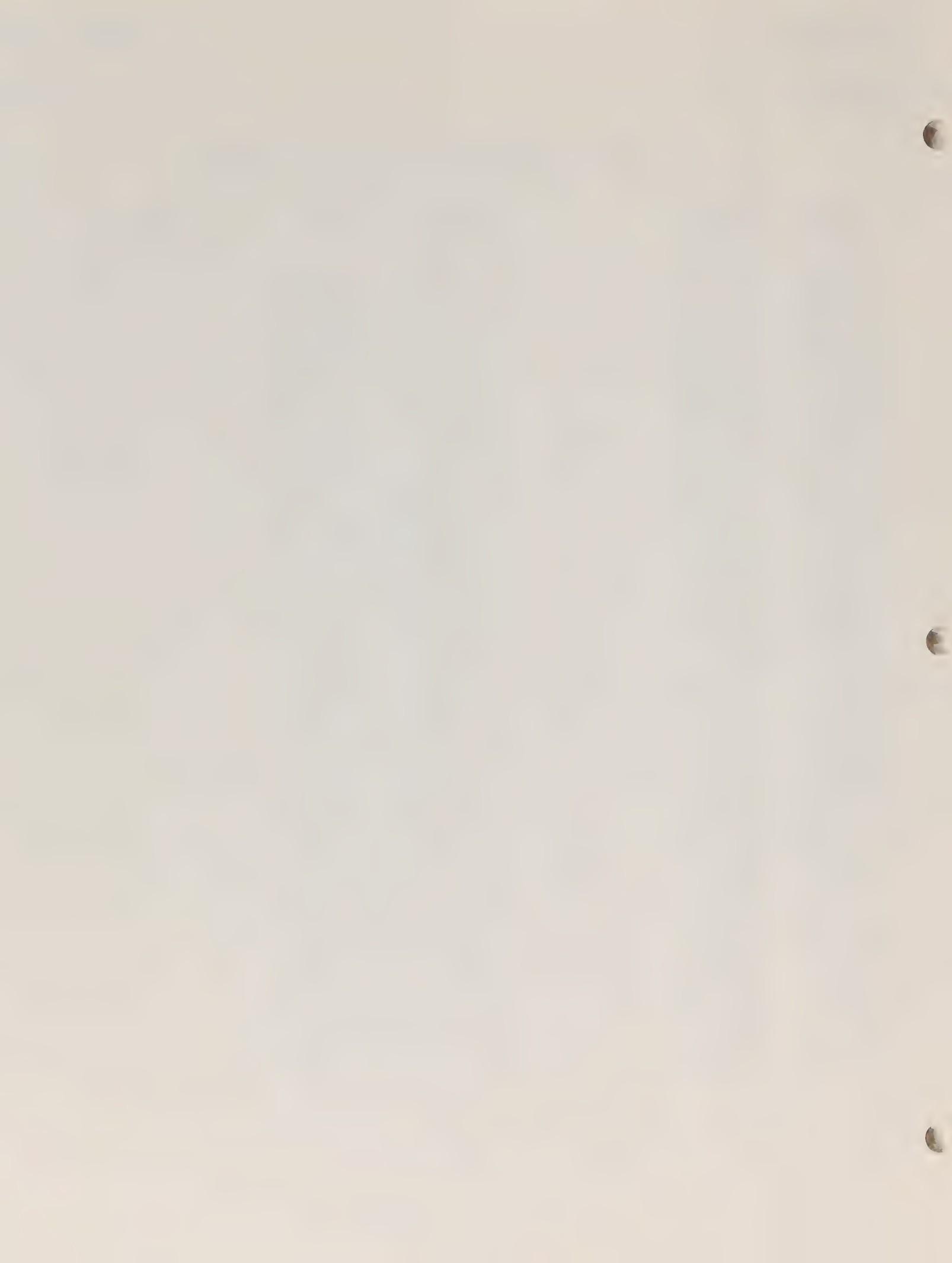
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
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DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
10.770	387.671	15 36	FEB 05, 1975	
10.804	387.684	15 38	FEB 05, 1975	
10.836	387.689	15 40	FEB 05, 1975	
10.871	387.678	15 42	FEB 05, 1975	
10.905	387.689	15 44	FEB 05, 1975	
10.939	387.689	15 46	FEB 05, 1975	
10.972	387.689	15 48	FEB 05, 1975	
11.006	387.689	15 50	FEB 05, 1975	
11.039	387.678	15 52	FEB 05, 1975	
11.073	387.678	15 54	FEB 05, 1975	
11.107	387.678	15 56	FEB 05, 1975	
11.140	387.676	15 58	FEB 05, 1975	
11.174	387.655	16 00	FEB 05, 1975	
11.208	387.689	16 02	FEB 05, 1975	
11.241	387.689	16 04	FEB 05, 1975	
11.275	387.689	16 07	FEB 05, 1975	
11.309	387.678	16 09	FEB 05, 1975	
11.342	387.676	16 11	FEB 05, 1975	
11.376	387.666	16 13	FEB 05, 1975	
11.410	387.676	16 15	FEB 05, 1975	
11.443	387.678	16 17	FEB 05, 1975	
11.477	387.678	16 19	FEB 05, 1975	
11.511	387.666	16 21	FEB 05, 1975	
11.544	387.673	16 23	FEB 05, 1975	
11.578	387.673	16 25	FEB 05, 1975	
11.612	387.673	16 27	FEB 05, 1975	
11.645	387.673	16 29	FEB 05, 1975	
11.679	387.673	16 31	FEB 05, 1975	
11.713	387.666	16 33	FEB 05, 1975	
11.746	387.678	16 35	FEB 05, 1975	
11.780	387.655	16 37	FEB 05, 1975	
11.814	387.678	16 39	FEB 05, 1975	
11.847	387.678	16 41	FEB 05, 1975	
11.881	387.666	16 43	FEB 05, 1975	
11.915	387.666	16 45	FEB 05, 1975	
11.948	387.656	16 47	FEB 05, 1975	
11.982	387.655	16 49	FEB 05, 1975	
12.015	387.656	16 51	FEB 05, 1975	
12.049	387.655	16 53	FEB 05, 1975	
12.083	387.655	16 55	FEB 05, 1975	



JOB NUMBER  
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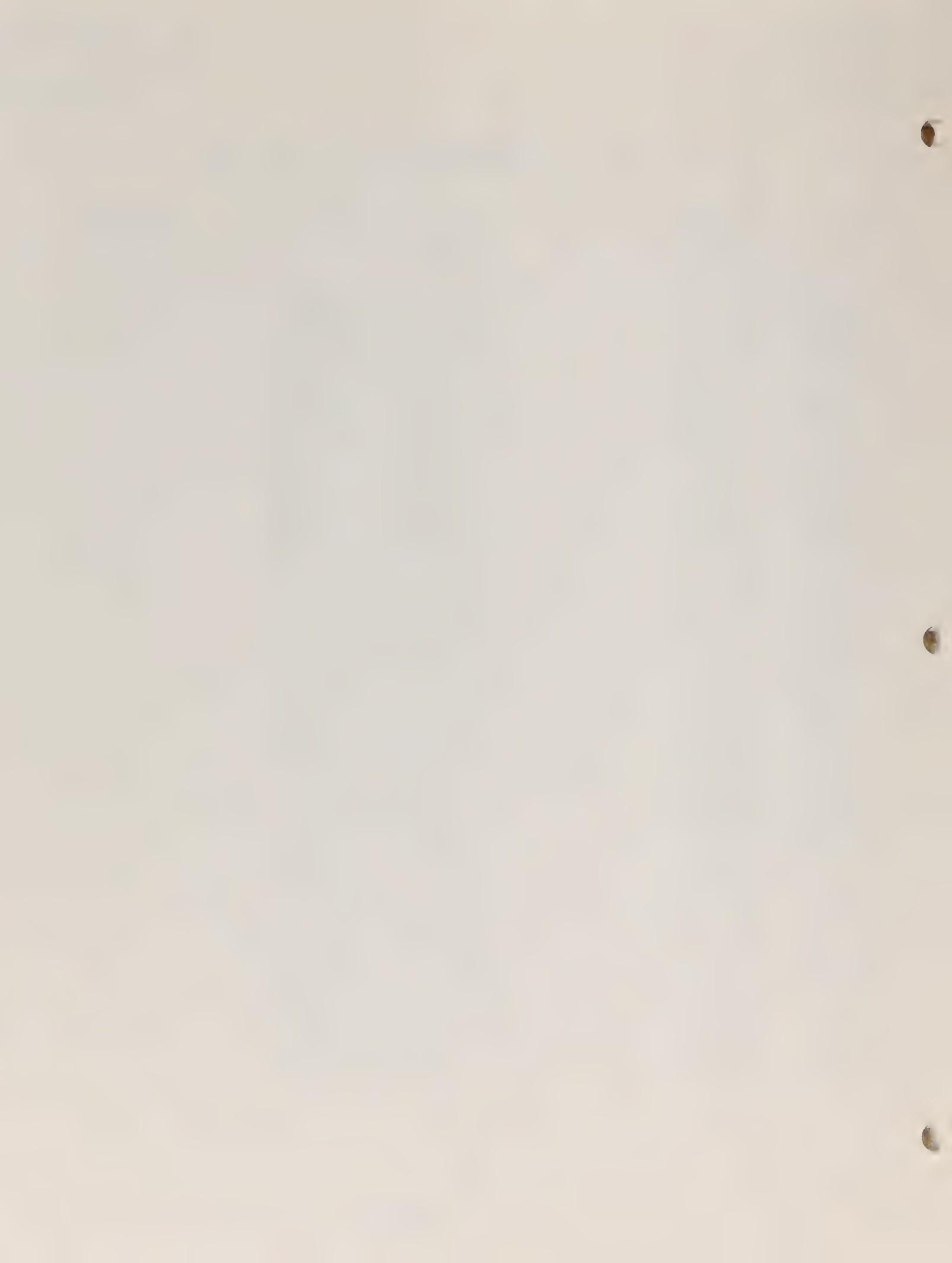
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FEBRUARY 5-6, 1975

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DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
12.117	387.643	16 57	FEB 05, 1975	
12.150	387.678	16 59	FEB 05, 1975	
12.184	387.655	17 01	FEB 05, 1975	
12.217	387.655	17 03	FEB 05, 1975	
12.251	387.655	17 05	FEB 05, 1975	
12.285	387.666	17 07	FEB 05, 1975	
12.318	387.655	17 09	FEB 05, 1975	
12.352	387.655	17 11	FEB 05, 1975	
12.386	387.655	17 13	FEB 05, 1975	
12.419	387.655	17 15	FEB 05, 1975	
12.453	387.655	17 17	FEB 05, 1975	
12.487	387.655	17 19	FEB 05, 1975	
12.520	387.655	17 21	FEB 05, 1975	
12.554	387.666	17 23	FEB 05, 1975	
12.588	387.655	17 25	FEB 05, 1975	
12.621	387.666	17 27	FEB 05, 1975	
12.655	387.666	17 29	FEB 05, 1975	
12.689	387.666	17 31	FEB 05, 1975	
12.722	387.655	17 33	FEB 05, 1975	
12.756	387.643	17 35	FEB 05, 1975	
12.790	387.643	17 37	FEB 05, 1975	
12.823	387.655	17 39	FEB 05, 1975	
12.857	387.655	17 41	FEB 05, 1975	
12.891	387.655	17 43	FEB 05, 1975	
12.924	387.655	17 45	FEB 05, 1975	
12.958	387.655	17 47	FEB 05, 1975	
12.992	387.643	17 49	FEB 05, 1975	
13.025	387.643	17 51	FEB 05, 1975	
13.059	387.655	17 54	FEB 05, 1975	
13.093	387.655	17 56	FEB 05, 1975	
13.126	387.655	17 58	FEB 05, 1975	
13.160	387.655	18 00	FEB 05, 1975	
13.194	387.655	18 02	FEB 05, 1975	
13.227	387.655	18 04	FEB 05, 1975	
13.261	387.631	18 06	FEB 05, 1975	
13.295	387.655	18 08	FEB 05, 1975	
13.328	387.643	18 10	FEB 05, 1975	
13.362	387.643	18 12	FEB 05, 1975	
13.395	387.655	18 14	FEB 05, 1975	
13.429	387.655	18 16	FEB 05, 1975	



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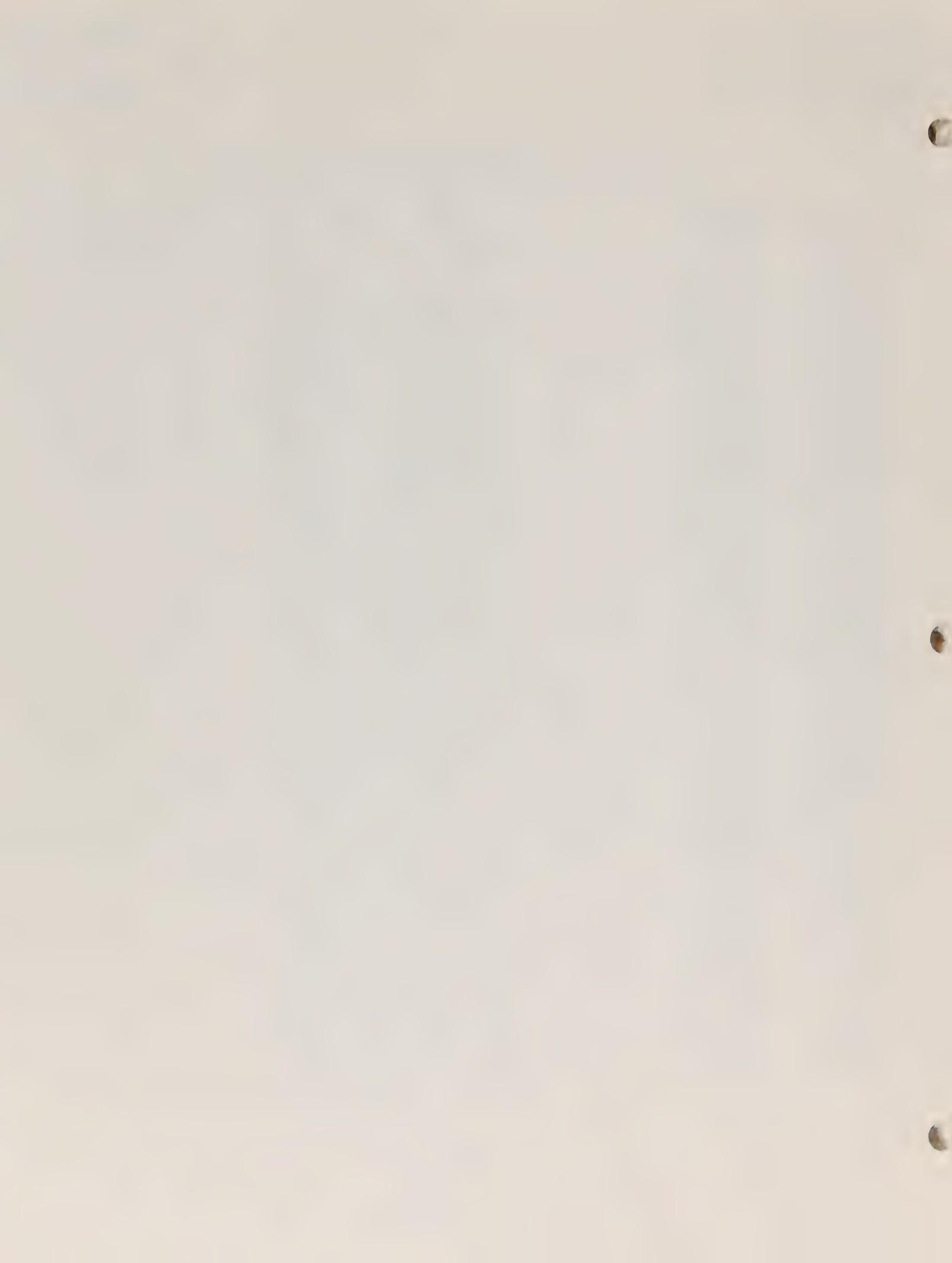
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DATE OF RUN

SPERRY-SIN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
13.463	387.643	18 18	FEB 05, 1975	
13.494	387.643	18 20	FEB 05, 1975	
13.530	387.643	18 22	FEB 05, 1975	
13.564	387.655	18 24	FEB 05, 1975	
13.597	387.643	18 26	FEB 05, 1975	
13.631	387.643	18 28	FEB 05, 1975	
13.665	387.643	18 30	FEB 05, 1975	
13.696	387.643	18 32	FEB 05, 1975	
13.732	387.643	18 34	FEB 05, 1975	
13.766	387.643	18 36	FEB 05, 1975	
13.799	387.643	18 38	FEB 05, 1975	
13.833	387.631	18 40	FEB 05, 1975	
13.867	387.643	18 42	FEB 05, 1975	
13.900	387.643	18 44	FEB 05, 1975	
13.934	387.643	18 46	FEB 05, 1975	
13.968	387.643	18 48	FEB 05, 1975	
14.001	387.643	18 50	FEB 05, 1975	
14.035	387.631	18 52	FEB 05, 1975	
14.069	387.631	18 54	FEB 05, 1975	
14.102	387.631	18 56	FEB 05, 1975	
14.136	387.643	18 58	FEB 05, 1975	
14.170	387.631	19 00	FEB 05, 1975	
14.203	387.643	19 02	FEB 05, 1975	
14.237	387.631	19 04	FEB 05, 1975	
14.271	387.643	19 06	FEB 05, 1975	
14.304	387.631	19 08	FEB 05, 1975	
14.338	387.631	19 10	FEB 05, 1975	
14.372	387.631	19 12	FEB 05, 1975	
14.405	387.631	19 14	FEB 05, 1975	
14.439	387.631	19 16	FEB 05, 1975	
14.473	387.631	19 18	FEB 05, 1975	
14.506	387.631	19 20	FEB 05, 1975	
14.540	387.631	19 22	FEB 05, 1975	
14.573	387.631	19 24	FEB 05, 1975	
14.607	387.620	19 26	FEB 05, 1975	
14.641	387.631	19 28	FEB 05, 1975	
14.674	387.620	19 30	FEB 05, 1975	
14.708	387.631	19 32	FEB 05, 1975	
14.742	387.631	19 35	FEB 05, 1975	
14.775	387.631	19 37	FEB 05, 1975	



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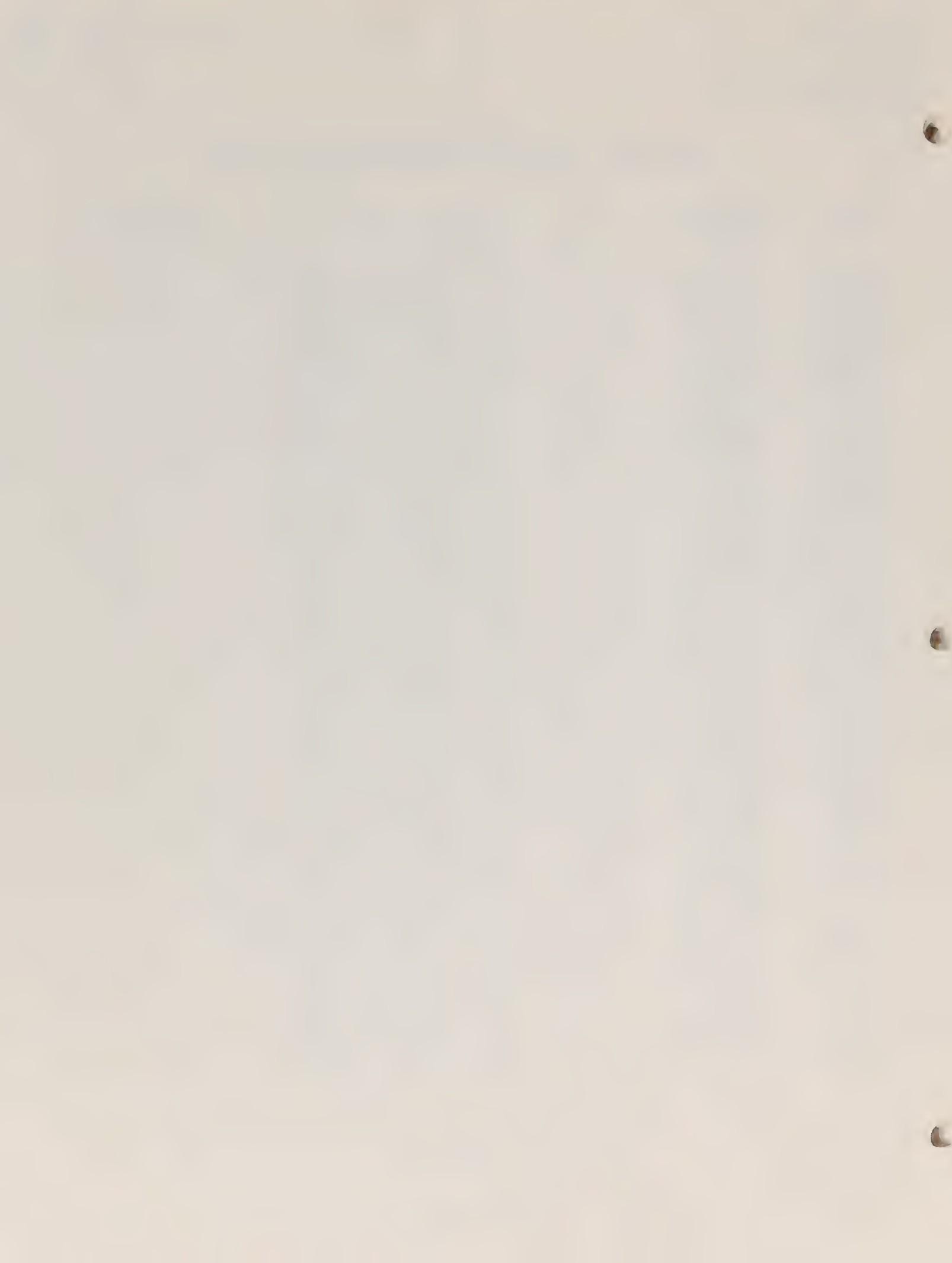
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136 MPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME	DATE	COMMENTS
		HR MIN		
14.809	387.631	19 39	FEB 05, 1975	
14.843	387.631	19 41	FEB 05, 1975	
14.876	387.643	19 43	FEB 05, 1975	
14.910	387.631	19 45	FEB 05, 1975	
14.944	387.631	19 47	FEB 05, 1975	
14.977	387.620	19 49	FEB 05, 1975	
15.011	387.631	19 51	FEB 05, 1975	
15.045	387.620	19 53	FEB 05, 1975	
15.078	387.631	19 55	FEB 05, 1975	
15.112	387.631	19 57	FEB 05, 1975	
15.146	387.631	19 59	FEB 05, 1975	
15.179	387.631	20 01	FEB 05, 1975	
15.213	387.631	20 03	FEB 05, 1975	
15.247	387.631	20 05	FEB 05, 1975	
15.280	387.631	20 07	FEB 05, 1975	
15.314	387.631	20 09	FEB 05, 1975	
15.348	387.631	20 11	FEB 05, 1975	
15.381	387.631	20 13	FEB 05, 1975	
15.415	387.631	20 15	FEB 05, 1975	
15.449	387.631	20 17	FEB 05, 1975	
15.482	387.631	20 19	FEB 05, 1975	
15.516	387.631	20 21	FEB 05, 1975	
15.550	387.631	20 23	FEB 05, 1975	
15.583	387.631	20 25	FEB 05, 1975	
15.617	387.631	20 27	FEB 05, 1975	
15.651	387.631	20 29	FEB 05, 1975	
15.684	387.620	20 31	FEB 05, 1975	
15.718	387.631	20 33	FEB 05, 1975	
15.751	387.631	20 35	FEB 05, 1975	
15.785	387.631	20 37	FEB 05, 1975	
15.819	387.631	20 39	FEB 05, 1975	
15.852	387.631	20 41	FEB 05, 1975	
15.886	387.631	20 43	FEB 05, 1975	
15.920	387.631	20 45	FEB 05, 1975	
15.953	387.643	20 47	FEB 05, 1975	
15.987	387.620	20 49	FEB 05, 1975	
16.021	387.620	20 51	FEB 05, 1975	
16.054	387.631	20 53	FEB 05, 1975	
16.088	387.631	20 55	FEB 05, 1975	
16.122	387.631	20 57	FEB 05, 1975	



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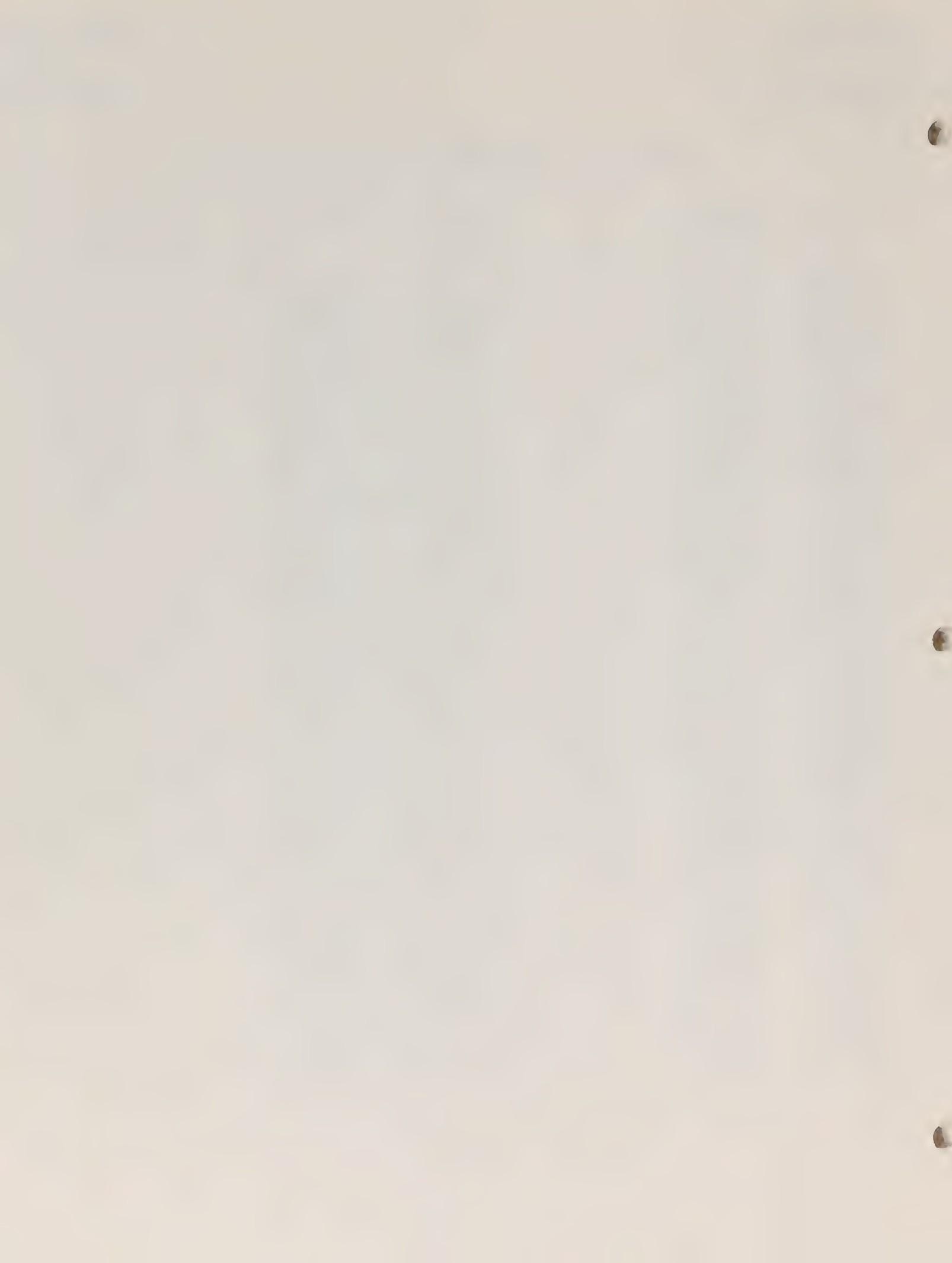
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FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
136 MPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
16.155	387.631	20 59	FEB 05, 1975	
16.189	387.631	21 01	FEB 05, 1975	
16.223	387.631	21 03	FEB 05, 1975	
16.256	387.631	21 05	FEB 05, 1975	
16.290	387.631	21 07	FEB 05, 1975	
16.324	387.631	21 09	FEB 05, 1975	
16.357	387.620	21 11	FEB 05, 1975	
16.391	387.631	21 13	FEB 05, 1975	
16.425	387.631	21 15	FEB 05, 1975	
16.454	387.631	21 17	FEB 05, 1975	
16.492	387.631	21 20	FEB 05, 1975	
16.526	387.631	21 22	FEB 05, 1975	
16.559	387.631	21 24	FEB 05, 1975	
16.593	387.631	21 26	FEB 05, 1975	
16.627	387.631	21 28	FEB 05, 1975	
16.660	387.631	21 30	FEB 05, 1975	
16.694	387.631	21 32	FEB 05, 1975	
16.728	387.631	21 34	FEB 05, 1975	
16.761	387.631	21 36	FEB 05, 1975	
16.795	387.631	21 38	FEB 05, 1975	
16.829	387.631	21 40	FEB 05, 1975	
16.862	387.620	21 42	FEB 05, 1975	
16.896	387.631	21 44	FEB 05, 1975	
16.929	387.631	21 46	FEB 05, 1975	
16.963	387.631	21 48	FEB 05, 1975	
16.997	387.631	21 50	FEB 05, 1975	
17.030	387.620	21 52	FEB 05, 1975	
17.064	387.620	21 54	FEB 05, 1975	
17.097	387.631	21 56	FEB 05, 1975	
17.131	387.631	21 58	FEB 05, 1975	
17.165	387.631	22 00	FEB 05, 1975	
17.199	387.631	22 02	FEB 05, 1975	
17.232	387.631	22 04	FEB 05, 1975	
17.266	387.631	22 06	FEB 05, 1975	
17.300	387.631	22 08	FEB 05, 1975	
17.333	387.631	22 10	FEB 05, 1975	
17.367	387.631	22 12	FEB 05, 1975	
17.401	387.631	22 14	FEB 05, 1975	
17.434	387.631	22 16	FEB 05, 1975	
17.468	387.631	22 18	FEB 05, 1975	



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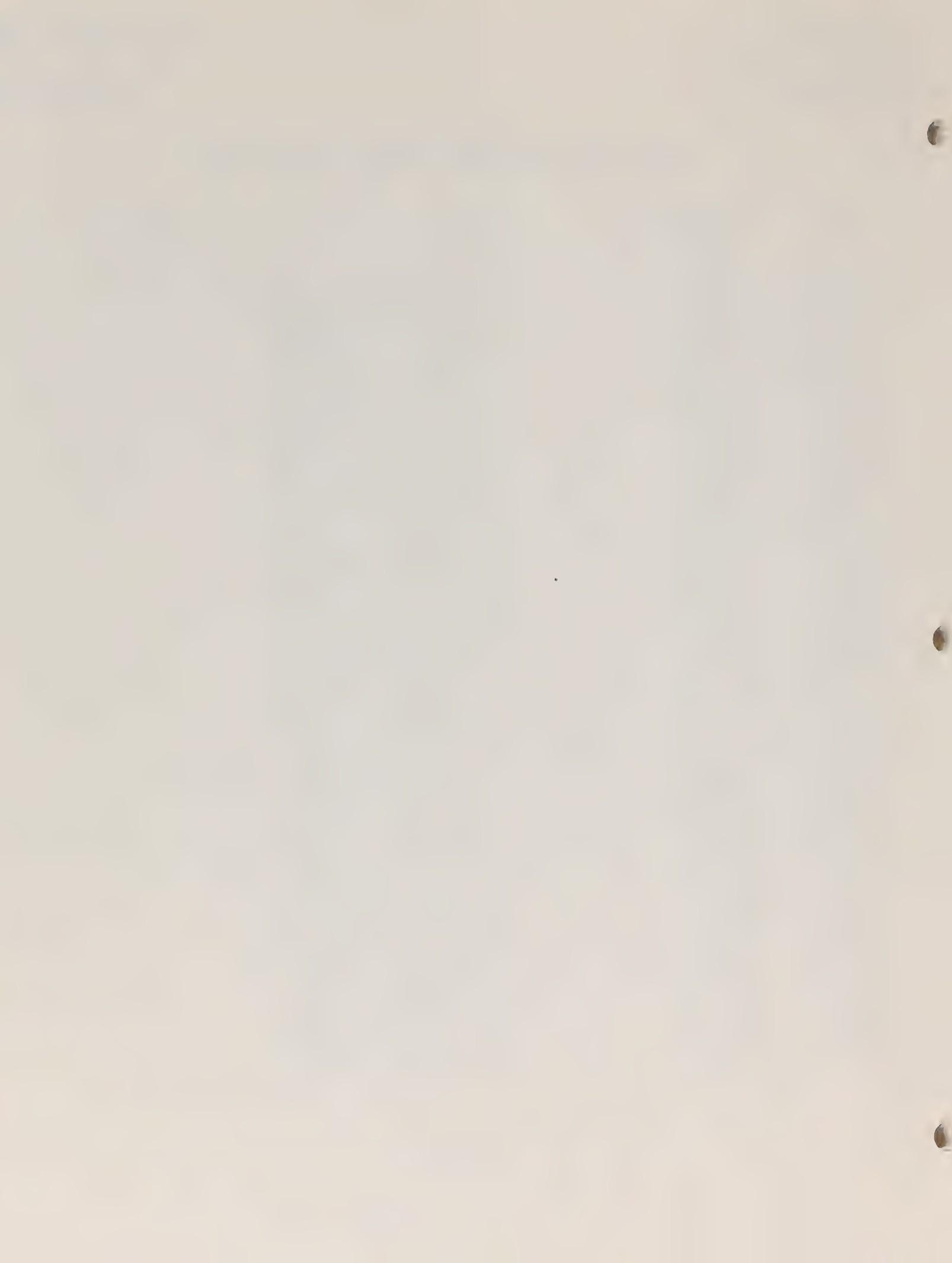
DATE OF JOB  
FEBRUARY 5-6, 1975

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DATE OF RUN

SPEERY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
17.502	387.631	22 20	FEB 05, 1975	
17.535	387.631	22 22	FEB 05, 1975	
17.569	387.631	22 24	FEB 05, 1975	
17.603	387.631	22 26	FEB 05, 1975	
17.636	387.631	22 28	FEB 05, 1975	
17.670	387.631	22 30	FEB 05, 1975	
17.704	387.631	22 32	FEB 05, 1975	
17.737	387.631	22 34	FEB 05, 1975	
17.771	387.631	22 36	FEB 05, 1975	
17.805	387.620	22 38	FEB 05, 1975	
17.838	387.620	22 40	FEB 05, 1975	
17.872	387.631	22 42	FEB 05, 1975	
17.906	387.643	22 44	FEB 05, 1975	
17.939	387.631	22 46	FEB 05, 1975	
17.973	387.631	22 48	FEB 05, 1975	
18.006	387.620	22 50	FEB 05, 1975	
18.040	387.631	22 52	FEB 05, 1975	
18.074	387.631	22 54	FEB 05, 1975	
18.107	387.620	22 56	FEB 05, 1975	
18.141	387.631	22 58	FEB 05, 1975	
18.175	387.631	23 00	FEB 05, 1975	
18.208	387.631	23 03	FEB 05, 1975	
18.242	387.631	23 05	FEB 05, 1975	
18.276	387.631	23 07	FEB 05, 1975	
18.309	387.631	23 09	FEB 05, 1975	
18.343	387.631	23 11	FEB 05, 1975	
18.377	387.631	23 13	FEB 05, 1975	
18.410	387.631	23 15	FEB 05, 1975	
18.444	387.631	23 17	FEB 05, 1975	
18.478	387.631	23 19	FEB 05, 1975	
18.511	387.631	23 21	FEB 05, 1975	
18.545	387.631	23 23	FEB 05, 1975	
18.579	387.631	23 25	FEB 05, 1975	
18.612	387.631	23 27	FEB 05, 1975	
18.646	387.631	23 29	FEB 05, 1975	
18.680	387.631	23 31	FEB 05, 1975	
18.713	387.631	23 33	FEB 05, 1975	
18.747	387.631	23 35	FEB 05, 1975	
18.781	387.631	23 37	FEB 05, 1975	
18.814	387.631	23 39	FEB 05, 1975	



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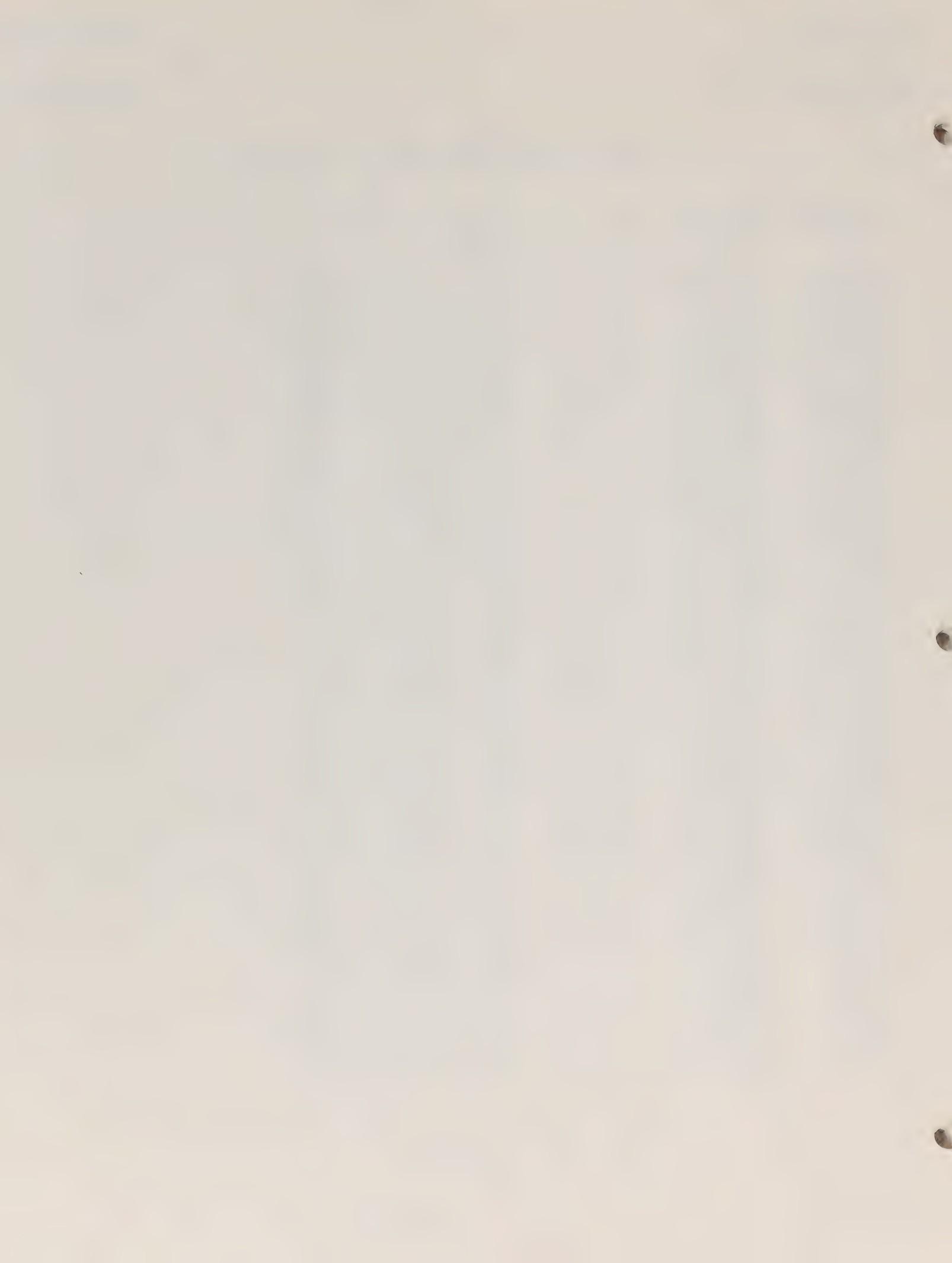
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
136 MPT-10

DATE OF RUN

SPERRY-SUIN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
18.848	387.631	23 41	FEB 05, 1975	
18.882	387.631	23 43	FEB 05, 1975	
18.915	387.631	23 45	FEB 05, 1975	
18.949	387.643	23 47	FEB 05, 1975	
18.983	387.643	23 49	FEB 05, 1975	
19.016	387.643	23 51	FEB 05, 1975	
19.050	387.631	23 53	FEB 05, 1975	
19.084	387.643	23 55	FEB 05, 1975	
19.117	387.643	23 57	FEB 05, 1975	
19.151	387.643	23 59	FEB 05, 1975	
19.184	387.643	00 01	FEB 06, 1975	
19.218	387.643	00 03	FEB 06, 1975	
19.252	387.643	00 05	FEB 06, 1975	
19.285	387.643	00 07	FEB 06, 1975	
19.319	387.643	00 09	FEB 06, 1975	
19.353	387.643	00 11	FEB 06, 1975	
19.386	387.643	00 13	FEB 06, 1975	
19.420	387.643	00 15	FEB 06, 1975	
19.454	387.643	00 17	FEB 06, 1975	
19.487	387.643	00 19	FEB 06, 1975	
19.521	387.643	00 21	FEB 06, 1975	
19.555	387.643	00 23	FEB 06, 1975	
19.588	387.643	00 25	FEB 06, 1975	
19.622	387.643	00 27	FEB 06, 1975	
19.656	387.655	00 29	FEB 06, 1975	
19.689	387.643	00 31	FEB 06, 1975	
19.723	387.631	00 33	FEB 06, 1975	
19.757	387.643	00 35	FEB 06, 1975	
19.790	387.666	00 37	FEB 06, 1975	
19.824	387.666	00 39	FEB 06, 1975	
19.858	387.655	00 41	FEB 06, 1975	
19.891	387.655	00 43	FEB 06, 1975	
19.925	387.655	00 45	FEB 06, 1975	
19.959	387.655	00 48	FEB 06, 1975	
19.992	387.655	00 50	FEB 06, 1975	
20.026	387.655	00 52	FEB 06, 1975	
20.060	387.666	00 54	FEB 06, 1975	
20.093	387.666	00 56	FEB 06, 1975	
20.127	387.666	00 58	FEB 06, 1975	
20.161	387.666	01 00	FEB 06, 1975	



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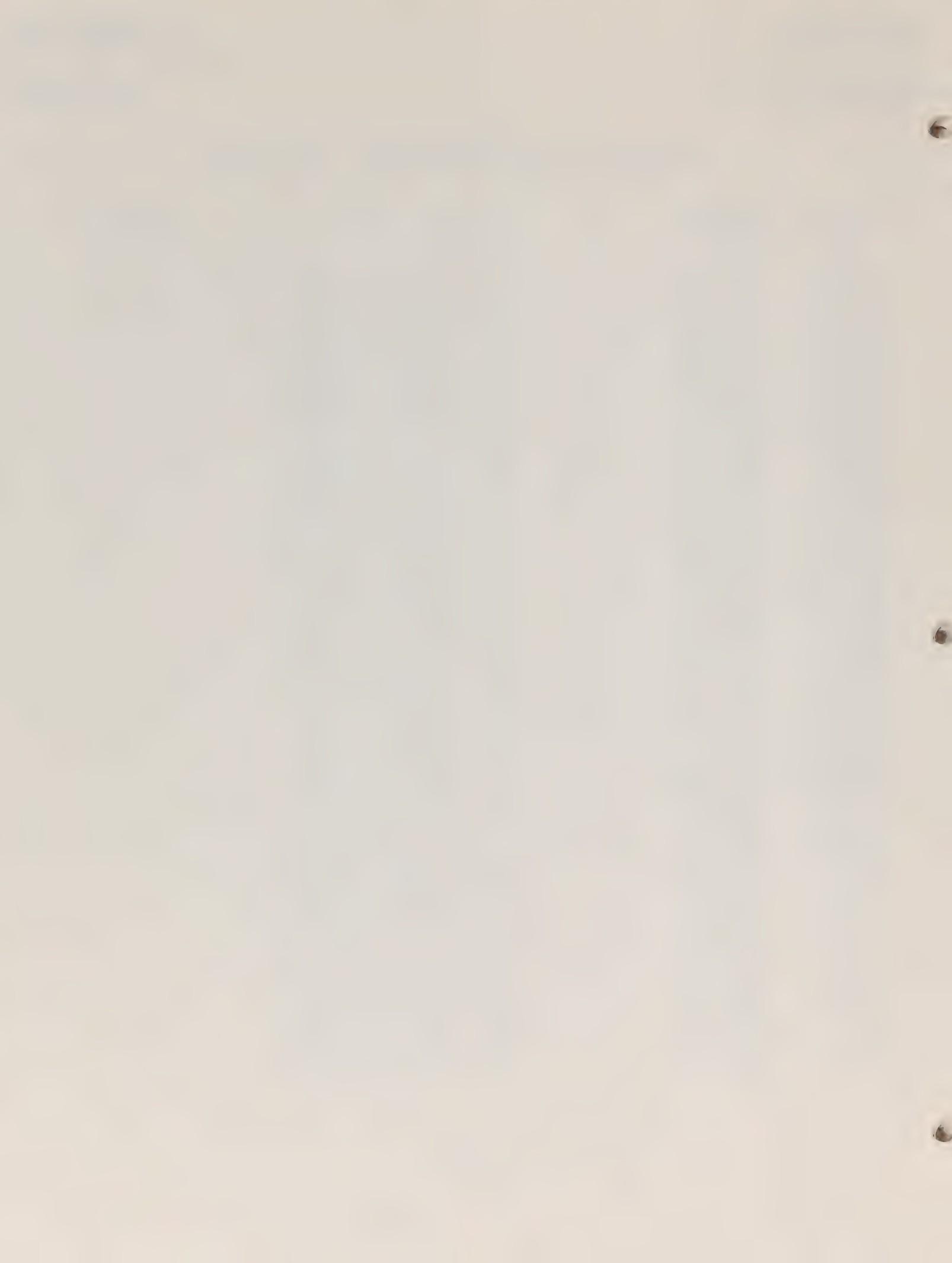
DATE OF JOB  
FEBRUARY 5-6, 1975

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136 MPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
20.194	387.656	01 02	FEB 06, 1975	
20.228	387.656	01 04	FEB 06, 1975	
20.262	387.666	01 06	FEB 06, 1975	
20.295	387.666	01 08	FEB 06, 1975	
20.329	387.666	01 10	FEB 06, 1975	
20.362	387.666	01 12	FEB 06, 1975	
20.396	387.666	01 14	FEB 06, 1975	
20.430	387.666	01 16	FEB 06, 1975	
20.463	387.666	01 18	FEB 06, 1975	
20.497	387.666	01 20	FEB 06, 1975	
20.531	387.656	01 22	FEB 06, 1975	
20.564	387.666	01 24	FEB 06, 1975	
20.598	387.666	01 26	FEB 06, 1975	
20.632	387.666	01 28	FEB 06, 1975	
20.665	387.666	01 30	FEB 06, 1975	
20.699	387.666	01 32	FEB 06, 1975	
20.733	387.666	01 34	FEB 06, 1975	
20.766	387.666	01 36	FEB 06, 1975	
20.800	387.666	01 38	FEB 06, 1975	
20.834	387.666	01 40	FEB 06, 1975	
20.867	387.666	01 42	FEB 06, 1975	
20.901	387.666	01 44	FEB 06, 1975	
20.935	387.666	01 46	FEB 06, 1975	
20.968	387.666	01 48	FEB 06, 1975	
21.002	387.666	01 50	FEB 06, 1975	
21.036	387.666	01 52	FEB 06, 1975	
21.069	387.666	01 54	FEB 06, 1975	
21.103	387.665	01 56	FEB 06, 1975	
21.137	387.666	01 58	FEB 06, 1975	
21.170	387.666	02 00	FEB 06, 1975	
21.204	387.666	02 02	FEB 06, 1975	
21.238	387.678	02 04	FEB 06, 1975	
21.271	387.678	02 06	FEB 06, 1975	
21.305	387.678	02 08	FEB 06, 1975	
21.339	387.678	02 10	FEB 06, 1975	
21.372	387.678	02 12	FEB 06, 1975	
21.406	387.678	02 14	FEB 06, 1975	
21.440	387.678	02 16	FEB 06, 1975	
21.473	387.689	02 18	FEB 06, 1975	
21.507	387.689	02 20	FEB 06, 1975	



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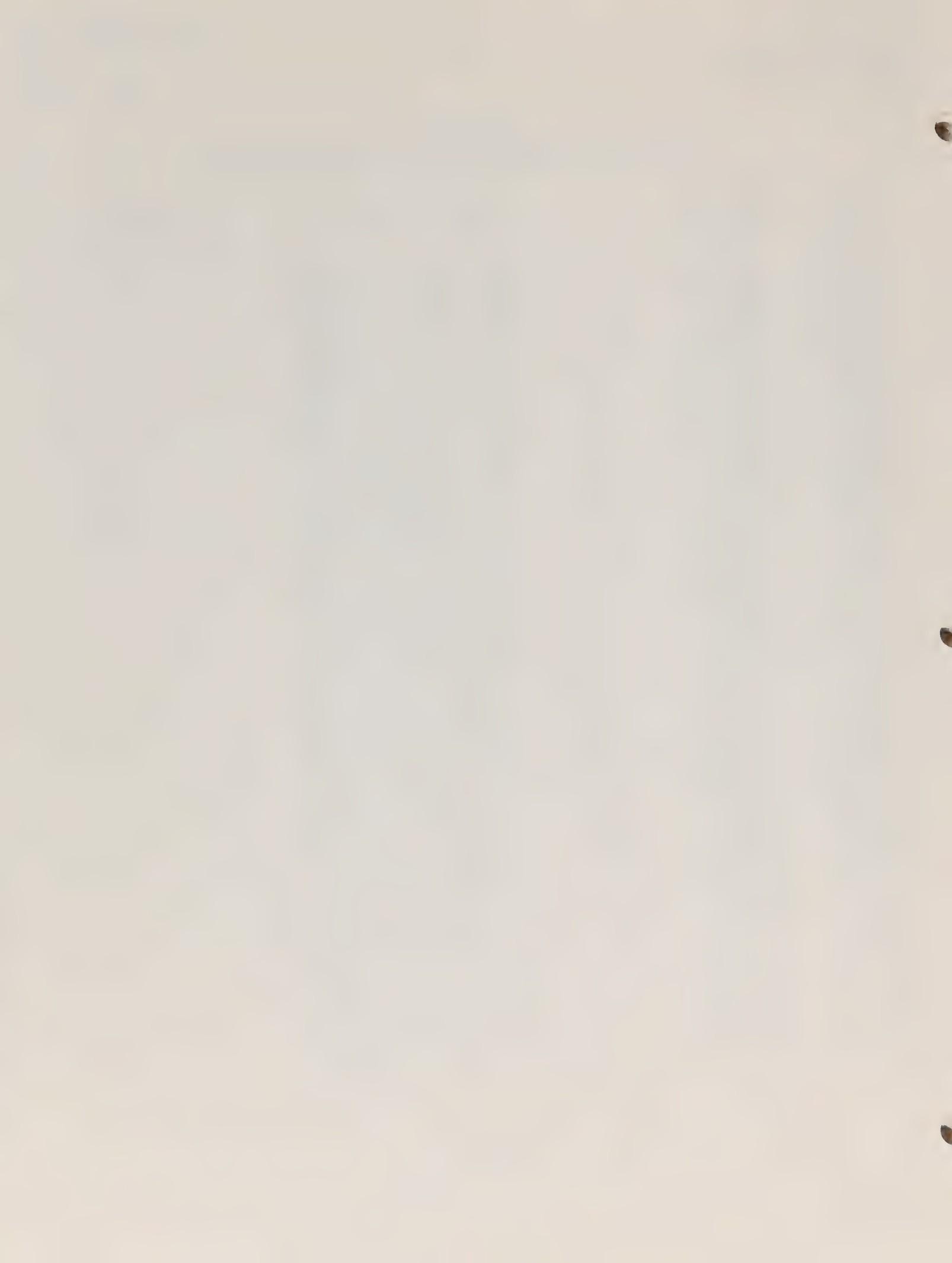
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FEBRUARY 5-6, 1975

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DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
21.540	387.678	02 22	FEB 06, 1975	
21.574	387.689	02 24	FEB 06, 1975	
21.608	387.689	02 26	FEB 06, 1975	
21.641	387.678	02 28	FEB 06, 1975	
21.675	387.689	02 31	FEB 06, 1975	
21.709	387.689	02 33	FEB 06, 1975	
21.742	387.678	02 35	FEB 06, 1975	
21.776	387.689	02 37	FEB 06, 1975	
21.810	387.689	02 39	FEB 06, 1975	
21.843	387.689	02 41	FEB 06, 1975	
21.877	387.678	02 43	FEB 06, 1975	
21.911	387.689	02 45	FEB 06, 1975	
21.944	387.689	02 47	FEB 06, 1975	
21.978	387.689	02 49	FEB 06, 1975	
22.012	387.689	02 51	FEB 06, 1975	
22.045	387.689	02 53	FEB 06, 1975	
22.079	387.689	02 55	FEB 06, 1975	
22.113	387.701	02 57	FEB 06, 1975	
22.146	387.689	02 59	FEB 06, 1975	
22.180	387.678	03 01	FEB 06, 1975	
22.214	387.678	03 03	FEB 06, 1975	
22.247	387.701	03 05	FEB 06, 1975	
22.281	387.701	03 07	FEB 06, 1975	
22.315	387.701	03 09	FEB 06, 1975	
22.348	387.701	03 11	FEB 06, 1975	
22.382	387.701	03 13	FEB 06, 1975	
22.416	387.689	03 15	FEB 06, 1975	
22.449	387.689	03 17	FEB 06, 1975	
22.483	387.701	03 19	FEB 06, 1975	
22.517	387.701	03 21	FEB 06, 1975	
22.550	387.701	03 23	FEB 06, 1975	
22.584	387.701	03 25	FEB 06, 1975	
22.618	387.701	03 27	FEB 06, 1975	
22.651	387.701	03 29	FEB 06, 1975	
22.685	387.701	03 31	FEB 06, 1975	
22.718	387.701	03 33	FEB 06, 1975	
22.752	387.701	03 35	FEB 06, 1975	
22.786	387.701	03 37	FEB 06, 1975	
22.819	387.701	03 39	FEB 06, 1975	
22.853	387.701	03 41	FEB 06, 1975	



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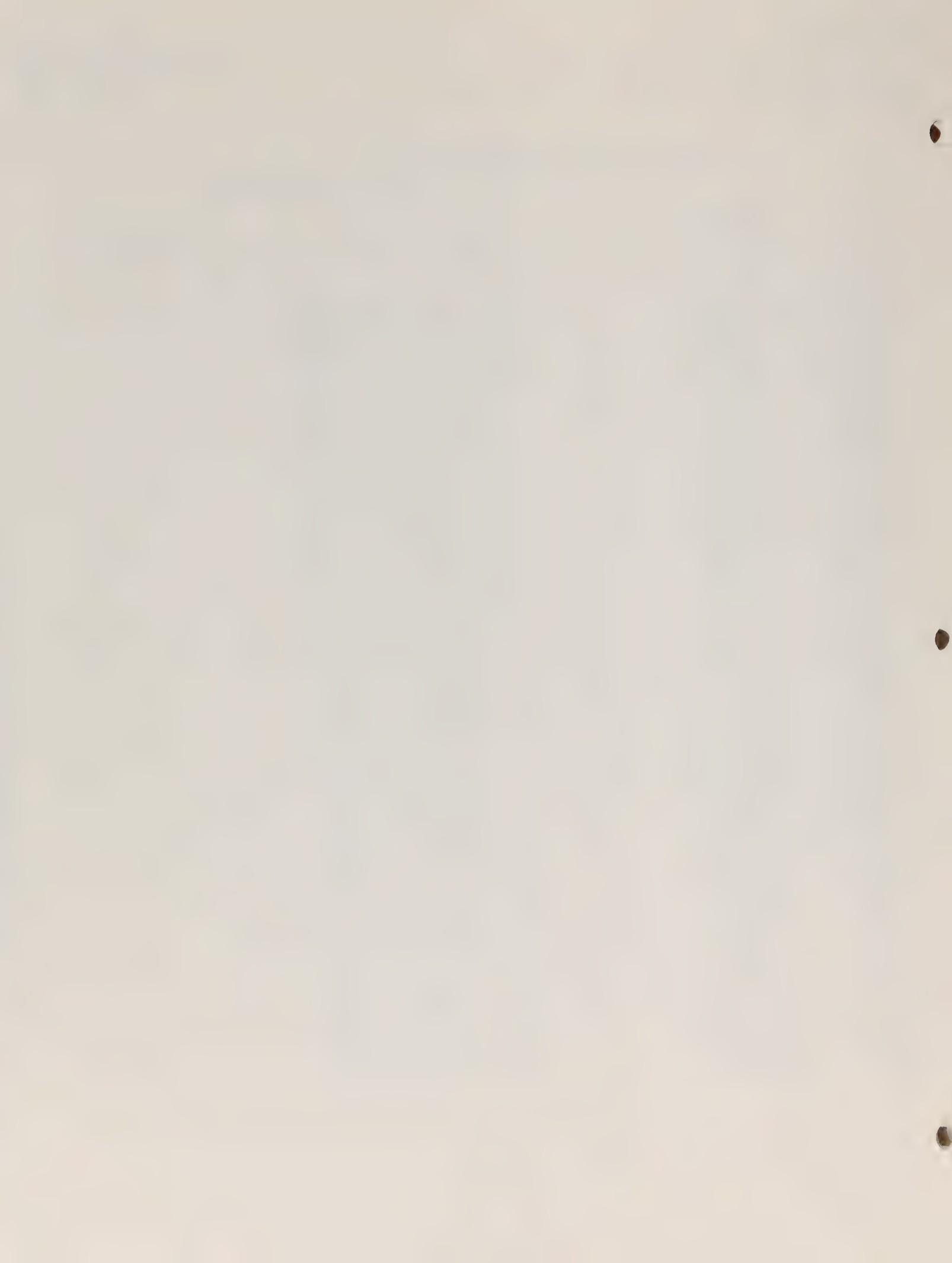
DATE OF JOB  
FEBRUARY 5-6, 1975

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136 MPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
22.887	387.701	03 43	FEB 06, 1975	
22.920	387.701	03 45	FEB 06, 1975	
22.954	387.701	03 47	FEB 06, 1975	
22.983	387.701	03 49	FEB 06, 1975	
23.021	387.701	03 51	FEB 06, 1975	
23.055	387.701	03 53	FEB 06, 1975	
23.089	387.701	03 55	FEB 06, 1975	
23.122	387.701	03 57	FEB 06, 1975	
23.156	387.712	03 59	FEB 06, 1975	
23.190	387.712	04 01	FEB 06, 1975	
23.223	387.724	04 03	FEB 06, 1975	
23.257	387.701	04 05	FEB 06, 1975	
23.291	387.701	04 07	FEB 06, 1975	
23.324	387.712	04 09	FEB 06, 1975	
23.358	387.712	04 11	FEB 06, 1975	
23.392	387.712	04 13	FEB 06, 1975	
23.425	387.712	04 16	FEB 06, 1975	
23.459	387.712	04 18	FEB 06, 1975	
23.493	387.701	04 20	FEB 06, 1975	
23.526	387.712	04 22	FEB 06, 1975	
23.560	387.712	04 24	FEB 06, 1975	
23.594	387.701	04 26	FEB 06, 1975	
23.627	387.712	04 28	FEB 06, 1975	
23.661	387.712	04 30	FEB 06, 1975	
23.695	387.712	04 32	FEB 06, 1975	
23.728	387.689	04 34	FEB 06, 1975	
23.762	387.712	04 36	FEB 06, 1975	
23.795	387.701	04 38	FEB 06, 1975	
23.829	387.701	04 40	FEB 06, 1975	
23.863	387.701	04 42	FEB 06, 1975	
23.896	387.712	04 44	FEB 06, 1975	
23.930	387.712	04 46	FEB 06, 1975	
23.964	387.712	04 48	FEB 06, 1975	
23.997	387.712	04 50	FEB 06, 1975	
24.031	387.712	04 52	FEB 06, 1975	
24.065	387.712	04 54	FEB 06, 1975	
24.098	387.712	04 56	FEB 06, 1975	
24.132	387.712	04 58	FEB 06, 1975	
24.166	387.712	05 00	FEB 06, 1975	
24.199	387.712	05 02	FEB 06, 1975	



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SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
24.233	387.712	05 04	FEB 06, 1975	
24.267	387.712	05 06	FEB 06, 1975	
24.300	387.712	05 08	FEB 06, 1975	
24.334	387.724	05 10	FEB 06, 1975	
24.368	387.712	05 12	FEB 06, 1975	
24.401	387.712	05 14	FEB 06, 1975	
24.435	387.724	05 16	FEB 06, 1975	
24.469	387.712	05 18	FEB 06, 1975	
24.502	387.712	05 20	FEB 06, 1975	
24.536	387.712	05 22	FEB 06, 1975	
24.570	387.712	05 24	FEB 06, 1975	
24.603	387.712	05 26	FEB 06, 1975	
24.637	387.712	05 28	FEB 06, 1975	
24.671	387.712	05 30	FEB 06, 1975	
24.704	387.712	05 32	FEB 06, 1975	
24.738	387.712	05 34	FEB 06, 1975	
24.772	387.712	05 36	FEB 06, 1975	
24.805	387.712	05 38	FEB 06, 1975	
24.839	387.712	05 40	FEB 06, 1975	
24.873	387.712	05 42	FEB 06, 1975	
24.906	387.712	05 44	FEB 06, 1975	
24.940	387.712	05 46	FEB 06, 1975	
24.973	387.712	05 48	FEB 06, 1975	
25.007	387.712	05 50	FEB 06, 1975	
25.041	387.736	05 52	FEB 06, 1975	
25.074	387.724	05 54	FEB 06, 1975	
25.108	387.724	05 56	FEB 06, 1975	
25.142	387.724	05 58	FEB 06, 1975	
25.175	387.724	06 01	FEB 06, 1975	
25.209	387.724	06 03	FEB 06, 1975	
25.243	387.736	06 05	FEB 06, 1975	
25.276	387.724	06 07	FEB 06, 1975	
25.310	387.736	06 09	FEB 06, 1975	
25.344	387.736	06 11	FEB 06, 1975	
25.377	387.736	06 13	FEB 06, 1975	
25.411	387.724	06 15	FEB 06, 1975	
25.445	387.736	06 17	FEB 06, 1975	
25.478	387.724	06 19	FEB 06, 1975	
25.512	387.736	06 21	FEB 06, 1975	
25.546	387.736	06 23	FEB 06, 1975	



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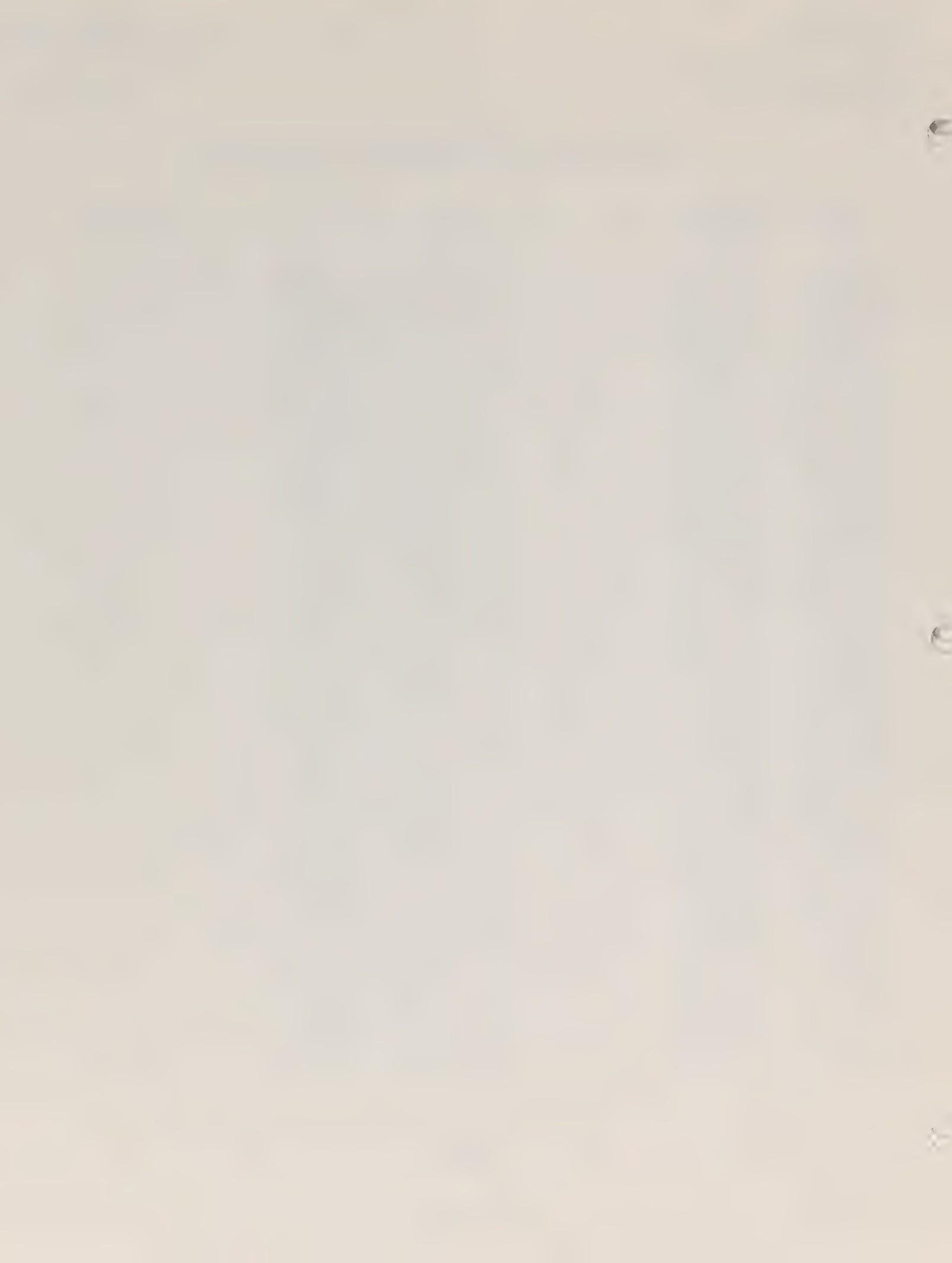
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FEBRUARY 5-6, 1975

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DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
25.579	387.736	06 25	FEB 06, 1975	
25.613	387.736	06 27	FEB 06, 1975	
25.647	387.736	06 29	FEB 06, 1975	
25.680	387.736	06 31	FEB 06, 1975	
25.714	387.736	06 33	FEB 06, 1975	
25.748	387.736	06 35	FEB 06, 1975	
25.781	387.736	06 37	FEB 06, 1975	
25.815	387.736	06 39	FEB 06, 1975	
25.849	387.736	06 41	FEB 06, 1975	
25.882	387.736	06 43	FEB 06, 1975	
25.916	387.736	06 45	FEB 06, 1975	
25.950	387.736	06 47	FEB 06, 1975	
25.983	387.736	06 49	FEB 06, 1975	
26.017	387.736	06 51	FEB 06, 1975	
26.051	387.736	06 53	FEB 06, 1975	
26.084	387.736	06 55	FEB 06, 1975	
26.118	387.736	06 57	FEB 06, 1975	
26.151	387.736	06 59	FEB 06, 1975	
26.185	387.736	07 01	FEB 06, 1975	
26.219	387.736	07 03	FEB 06, 1975	
26.252	387.736	07 05	FEB 06, 1975	
26.286	387.736	07 07	FEB 06, 1975	
26.320	387.736	07 09	FEB 06, 1975	
26.353	387.736	07 11	FEB 06, 1975	
26.387	387.736	07 13	FEB 06, 1975	
26.421	387.736	07 15	FEB 06, 1975	
26.454	387.736	07 17	FEB 06, 1975	
26.488	387.736	07 19	FEB 06, 1975	
26.522	387.736	07 21	FEB 06, 1975	
26.555	387.736	07 23	FEB 06, 1975	
26.589	387.736	07 25	FEB 06, 1975	
26.623	387.736	07 27	FEB 06, 1975	
26.656	387.736	07 29	FEB 06, 1975	
26.689	387.736	07 31	FEB 06, 1975	
26.724	387.736	07 33	FEB 06, 1975	
26.757	387.736	07 35	FEB 06, 1975	
26.791	387.736	07 37	FEB 06, 1975	
26.825	387.736	07 39	FEB 06, 1975	
26.858	387.736	07 41	FEB 06, 1975	
26.892	387.736	07 44	FEB 06, 1975	



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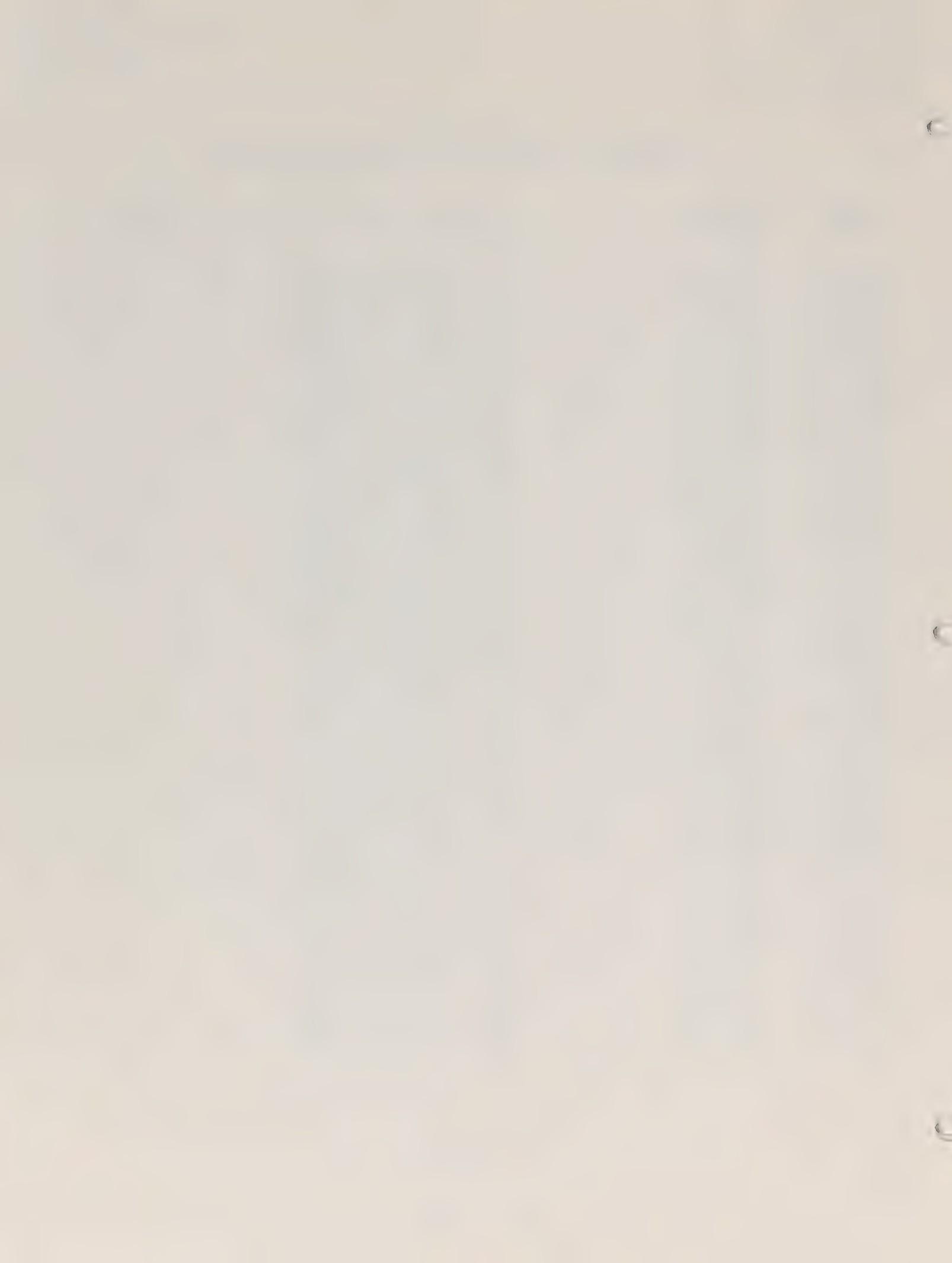
DATE OF JOB  
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SPERRY-SUN  
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DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
26.926	387.736	07 46	FEB 06, 1975	
26.959	387.736	07 48	FEB 06, 1975	
26.993	387.736	07 50	FEB 06, 1975	
27.027	387.736	07 52	FEB 06, 1975	
27.060	387.736	07 54	FEB 06, 1975	
27.094	387.736	07 56	FEB 06, 1975	
27.128	387.747	07 58	FEB 06, 1975	
27.161	387.736	08 00	FEB 06, 1975	
27.195	387.736	08 02	FEB 06, 1975	
27.229	387.736	08 04	FEB 06, 1975	
27.262	387.736	08 06	FEB 06, 1975	
27.296	387.736	08 08	FEB 06, 1975	
27.329	387.736	08 10	FEB 06, 1975	
27.363	387.736	08 12	FEB 06, 1975	
27.397	387.736	08 14	FEB 06, 1975	
27.430	387.736	08 16	FEB 06, 1975	
27.464	387.736	08 18	FEB 06, 1975	
27.498	387.736	08 20	FEB 06, 1975	
27.531	387.736	08 22	FEB 06, 1975	
27.565	387.736	08 24	FEB 06, 1975	
27.599	387.736	08 26	FEB 06, 1975	
27.632	387.736	08 28	FEB 06, 1975	
27.666	387.736	08 30	FEB 06, 1975	
27.700	387.736	08 32	FEB 06, 1975	
27.733	387.736	08 34	FEB 06, 1975	
27.767	387.736	08 36	FEB 06, 1975	
27.801	387.736	08 38	FEB 06, 1975	
27.834	387.736	08 40	FEB 06, 1975	
27.868	387.736	08 42	FEB 06, 1975	
27.902	387.736	08 44	FEB 06, 1975	
27.935	387.736	08 46	FEB 06, 1975	
27.969	387.736	08 48	FEB 06, 1975	
28.003	387.736	08 50	FEB 06, 1975	
28.036	387.736	08 52	FEB 06, 1975	
28.070	387.736	08 54	FEB 06, 1975	
28.104	387.736	08 56	FEB 06, 1975	
28.137	387.736	08 58	FEB 06, 1975	
28.171	387.736	09 00	FEB 06, 1975	
28.205	387.736	09 02	FEB 06, 1975	
28.239	387.736	09 04	FEB 06, 1975	



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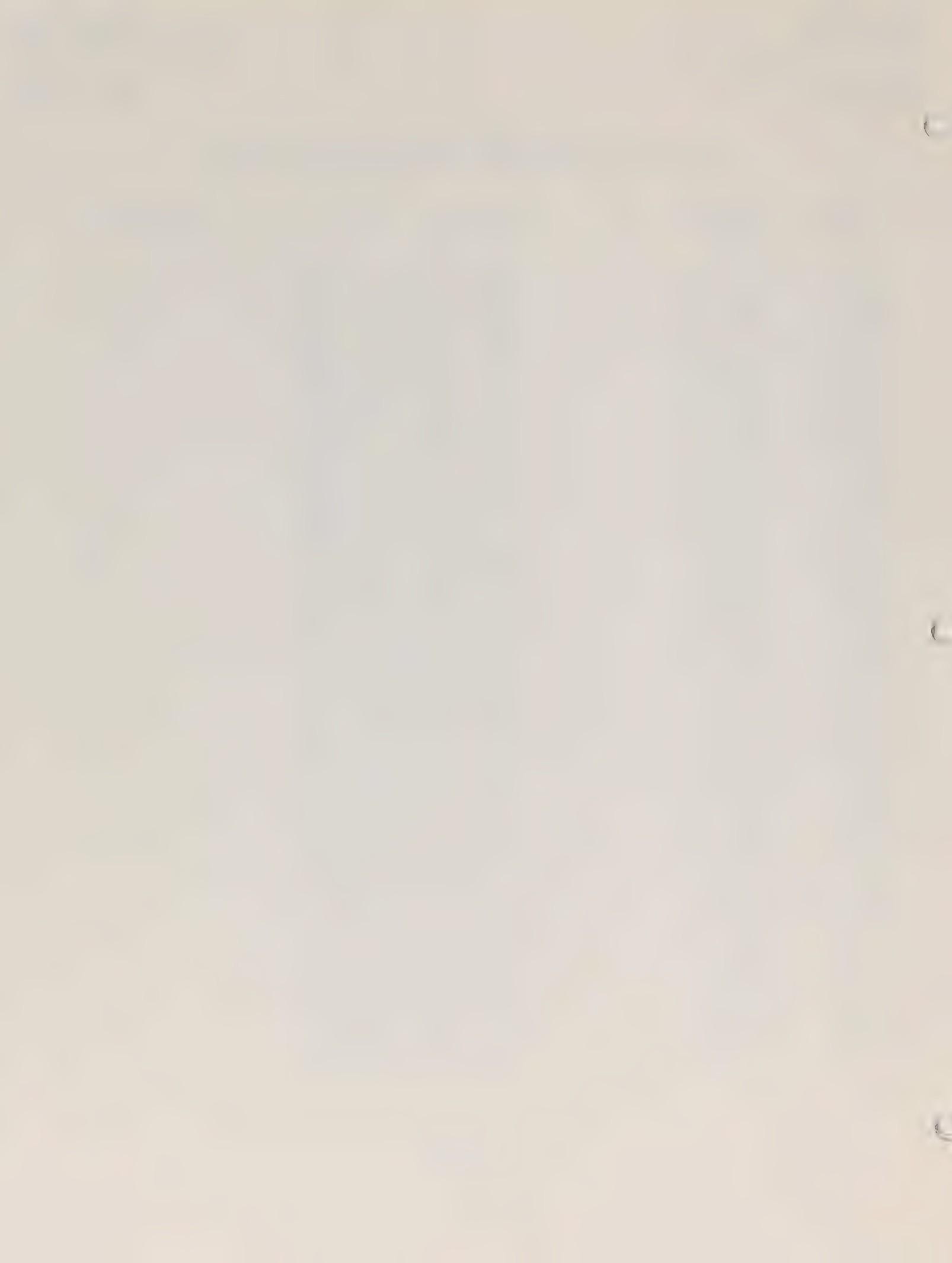
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SPERRY-SUN  
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DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
28.272	387.736	09 06	FEB 06, 1975	
28.306	387.724	09 08	FEB 06, 1975	
28.339	387.736	09 10	FEB 06, 1975	
28.373	387.736	09 12	FEB 06, 1975	
28.407	387.736	09 14	FEB 06, 1975	
28.440	387.736	09 16	FEB 06, 1975	
28.474	387.736	09 18	FEB 06, 1975	
28.507	387.736	09 20	FEB 06, 1975	
28.541	387.736	09 22	FEB 06, 1975	
28.575	387.736	09 24	FEB 06, 1975	
28.608	387.724	09 27	FEB 06, 1975	
28.642	387.736	09 29	FEB 06, 1975	
28.676	387.736	09 31	FEB 06, 1975	
28.709	387.736	09 33	FEB 06, 1975	
28.743	387.736	09 35	FEB 06, 1975	
28.777	387.736	09 37	FEB 06, 1975	
28.810	387.736	09 39	FEB 06, 1975	
28.844	387.736	09 41	FEB 06, 1975	
28.878	387.736	09 43	FEB 06, 1975	
28.911	387.736	09 45	FEB 06, 1975	
28.945	387.736	09 47	FEB 06, 1975	
28.979	387.736	09 49	FEB 06, 1975	
29.012	387.736	09 51	FEB 06, 1975	
29.046	387.736	09 53	FEB 06, 1975	
29.080	387.736	09 55	FEB 06, 1975	
29.113	387.736	09 57	FEB 06, 1975	
29.147	387.736	09 59	FEB 06, 1975	
29.181	387.736	10 01	FEB 06, 1975	
29.214	387.736	10 03	FEB 06, 1975	
29.248	387.736	10 05	FEB 06, 1975	
29.282	387.736	10 07	FEB 06, 1975	
29.315	387.736	10 09	FEB 06, 1975	
29.349	387.736	10 11	FEB 06, 1975	
29.383	387.736	10 13	FEB 06, 1975	
29.416	387.736	10 15	FEB 06, 1975	
29.450	387.736	10 17	FEB 06, 1975	
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29.585	387.736	10 25	FEB 06, 1975	



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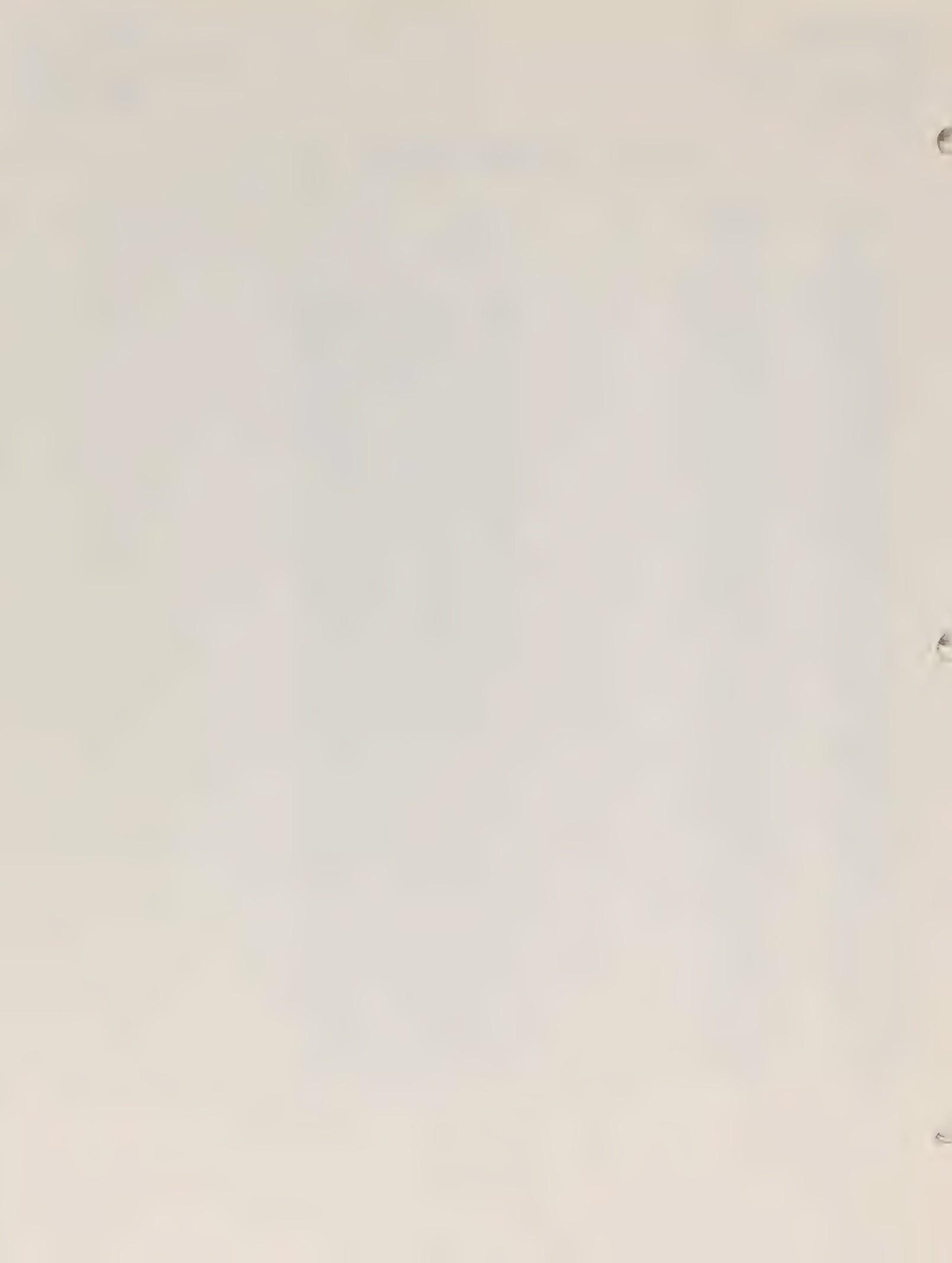
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DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PST)	TIME HR MIN	DATE	COMMENTS
29.618	387.736	10 27	FEB 06, 1975	
29.652	387.736	10 29	FEB 06, 1975	
29.685	387.736	10 31	FEB 06, 1975	
29.719	387.736	10 33	FEB 06, 1975	
29.753	387.736	10 35	FEB 06, 1975	
29.786	387.736	10 37	FEB 06, 1975	
29.820	387.736	10 39	FEB 06, 1975	
29.854	387.736	10 41	FEB 06, 1975	
29.887	387.736	10 43	FEB 06, 1975	
29.921	387.736	10 45	FEB 06, 1975	
29.955	387.736	10 47	FEB 06, 1975	
29.988	387.736	10 49	FEB 06, 1975	
30.022	387.736	10 51	FEB 06, 1975	
30.056	387.736	10 53	FEB 06, 1975	
30.089	387.736	10 55	FEB 06, 1975	
30.123	387.736	10 57	FEB 06, 1975	
30.157	387.736	10 59	FEB 06, 1975	
30.190	387.736	11 01	FEB 06, 1975	
30.224	387.736	11 03	FEB 06, 1975	
30.258	387.736	11 05	FEB 06, 1975	
30.291	387.736	11 07	FEB 06, 1975	
30.325	387.736	11 09	FEB 06, 1975	
30.359	387.736	11 12	FEB 06, 1975	
30.392	387.736	11 14	FEB 06, 1975	
30.426	387.736	11 16	FEB 06, 1975	
30.460	387.736	11 18	FEB 06, 1975	
30.493	387.724	11 20	FEB 06, 1975	
30.527	387.736	11 22	FEB 06, 1975	
30.561	387.736	11 24	FEB 06, 1975	
30.594	387.736	11 26	FEB 06, 1975	
30.628	387.736	11 28	FEB 06, 1975	
30.662	387.736	11 30	FEB 06, 1975	
30.695	387.736	11 32	FEB 06, 1975	
30.729	387.736	11 34	FEB 06, 1975	
30.762	387.736	11 36	FEB 06, 1975	
30.796	387.736	11 38	FEB 06, 1975	
30.830	387.736	11 40	FEB 06, 1975	
30.863	387.736	11 42	FEB 06, 1975	
30.897	387.736	11 44	FEB 06, 1975	
30.931	387.736	11 46	FEB 06, 1975	



JOB NUMBER  
SPG-11228-4

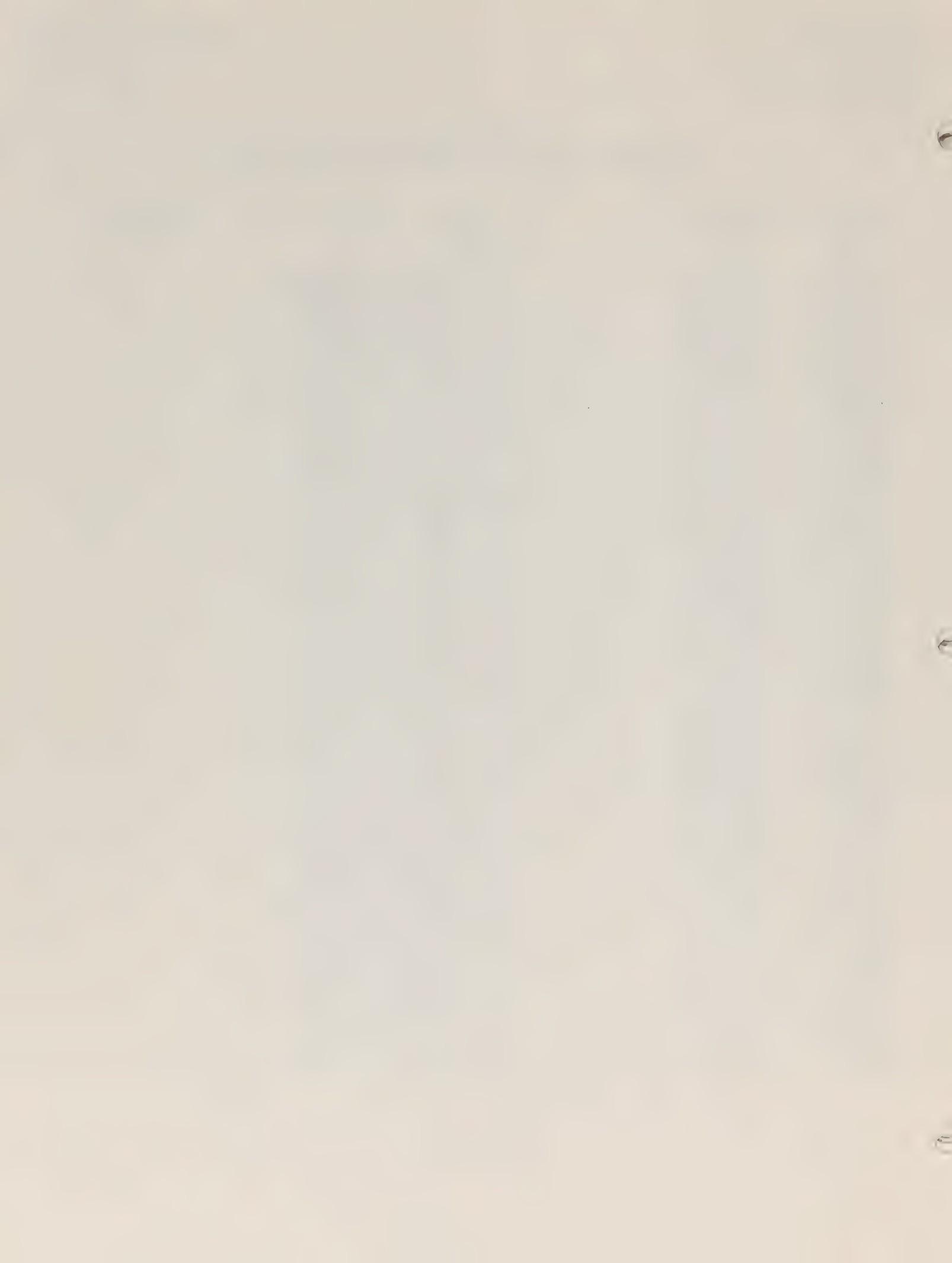
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
136 MPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
30.964	387.736	11 48	FEB 06, 1975	
30.998	387.736	11 50	FEB 06, 1975	
31.032	387.736	11 52	FEB 06, 1975	
31.065	387.736	11 54	FEB 06, 1975	
31.099	387.736	11 56	FEB 06, 1975	
31.133	387.736	11 58	FEB 06, 1975	
31.166	387.736	12 00	FEB 06, 1975	
31.200	387.736	12 02	FEB 06, 1975	
31.234	387.736	12 04	FEB 06, 1975	
31.267	387.747	12 06	FEB 06, 1975	
31.301	387.747	12 08	FEB 06, 1975	
31.335	387.747	12 10	FEB 06, 1975	
31.368	387.747	12 12	FEB 06, 1975	
31.402	387.736	12 14	FEB 06, 1975	
31.436	387.736	12 16	FEB 06, 1975	
31.469	387.747	12 18	FEB 06, 1975	
31.503	387.747	12 20	FEB 06, 1975	
31.537	387.736	12 22	FEB 06, 1975	
31.570	387.747	12 24	FEB 06, 1975	
31.604	387.747	12 26	FEB 06, 1975	
31.638	387.747	12 28	FEB 06, 1975	
31.671	387.747	12 30	FEB 06, 1975	
31.705	387.747	12 32	FEB 06, 1975	
31.739	387.747	12 34	FEB 06, 1975	
31.772	387.747	12 36	FEB 06, 1975	
31.806	387.747	12 38	FEB 06, 1975	
31.840	387.747	12 40	FEB 06, 1975	
31.873	387.747	12 42	FEB 06, 1975	
31.907	387.747	12 44	FEB 06, 1975	
31.940	387.747	12 46	FEB 06, 1975	
31.974	387.747	12 48	FEB 06, 1975	
32.008	387.747	12 50	FEB 06, 1975	
32.041	387.747	12 52	FEB 06, 1975	
32.075	387.747	12 55	FEB 06, 1975	
32.109	387.747	12 57	FEB 06, 1975	
32.142	387.747	12 59	FEB 06, 1975	
32.176	387.747	13 01	FEB 06, 1975	
32.210	387.736	13 03	FEB 06, 1975	
32.243	387.747	13 05	FEB 06, 1975	
32.277	387.759	13 07	FEB 06, 1975	



JOB NUMBER  
SPG-11228-9

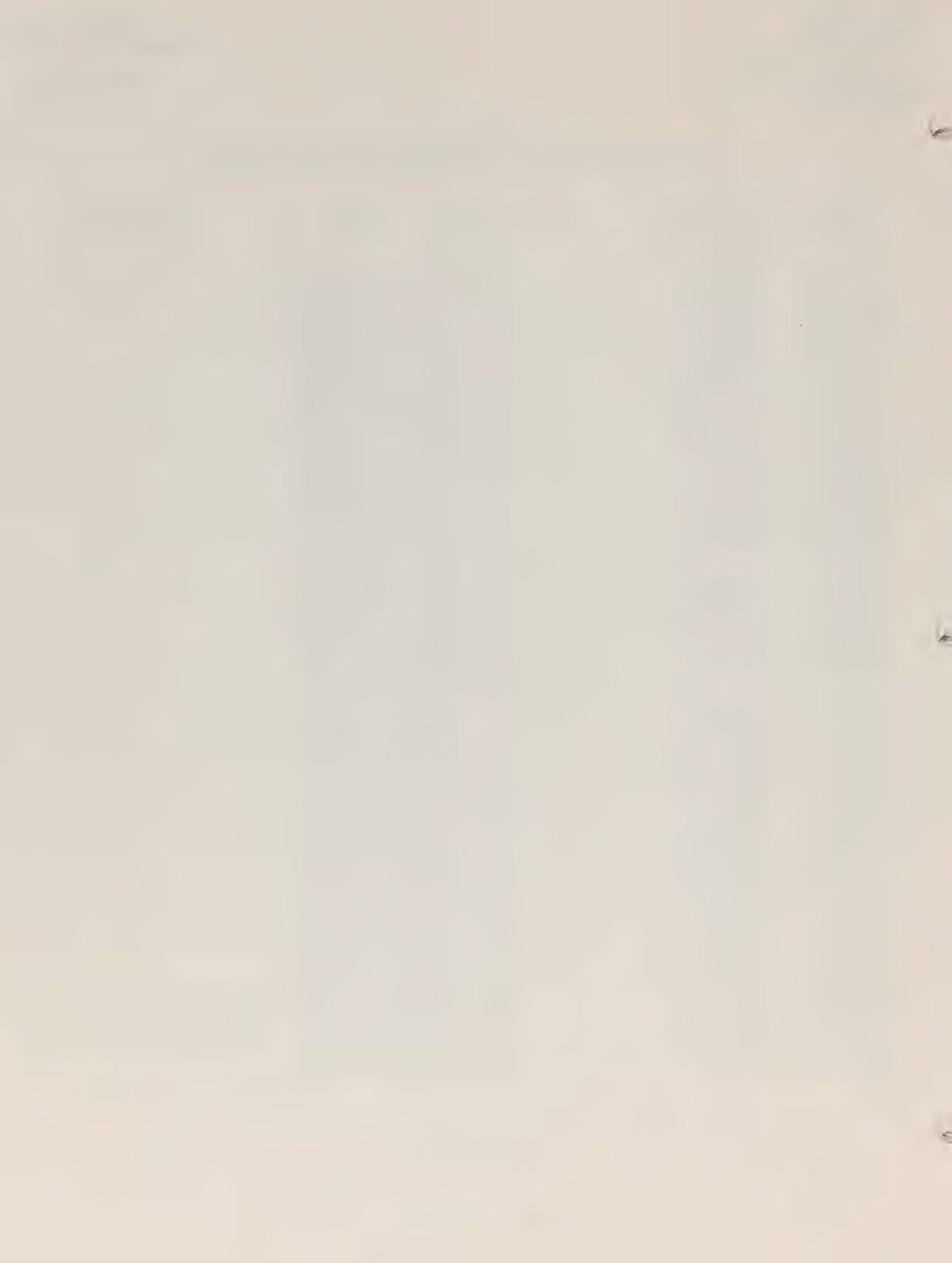
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
136 MPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PST)	TIME HR MIN	DATE	COMMENTS
32.311	387.747	13 09	FEB 06, 1975	
32.344	387.747	13 11	FEB 06, 1975	
32.378	387.747	13 13	FEB 06, 1975	
32.412	387.747	13 15	FEB 06, 1975	
32.445	387.747	13 17	FEB 06, 1975	
32.479	387.747	13 19	FEB 06, 1975	
32.513	387.736	13 21	FEB 06, 1975	
32.546	387.736	13 23	FEB 06, 1975	
32.580	387.736	13 25	FEB 06, 1975	
32.614	387.736	13 27	FEB 06, 1975	
32.647	387.736	13 29	FEB 06, 1975	
32.681	387.736	13 31	FEB 06, 1975	
32.715	387.736	13 33	FEB 06, 1975	
32.748	387.736	13 35	FEB 06, 1975	
32.782	387.747	13 37	FEB 06, 1975	
32.816	387.747	13 39	FEB 06, 1975	
32.849	387.747	13 41	FEB 06, 1975	
32.883	387.736	13 43	FEB 06, 1975	
32.917	387.736	13 45	FEB 06, 1975	
32.950	387.747	13 47	FEB 06, 1975	
32.984	387.736	13 49	FEB 06, 1975	
33.018	387.736	13 51	FEB 06, 1975	
33.051	387.736	13 53	FEB 06, 1975	
33.085	387.736	13 55	FEB 06, 1975	
33.118	387.736	13 57	FEB 06, 1975	
33.152	387.747	13 59	FEB 06, 1975	
33.186	387.736	14 01	FEB 06, 1975	
33.219	387.736	14 03	FEB 06, 1975	
33.253	387.736	14 05	FEB 06, 1975	
33.287	387.736	14 07	FEB 06, 1975	
33.320	387.724	14 09	FEB 06, 1975	
33.354	387.736	14 11	FEB 06, 1975	
33.388	387.736	14 13	FEB 06, 1975	
33.421	387.736	14 15	FEB 06, 1975	
33.455	387.736	14 17	FEB 06, 1975	
33.489	387.736	14 19	FEB 06, 1975	
33.522	387.736	14 21	FEB 06, 1975	
33.556	387.724	14 23	FEB 06, 1975	
33.590	387.724	14 25	FEB 06, 1975	
33.623	387.736	14 27	FEB 06, 1975	
				END JETTING TO START RECOVERY

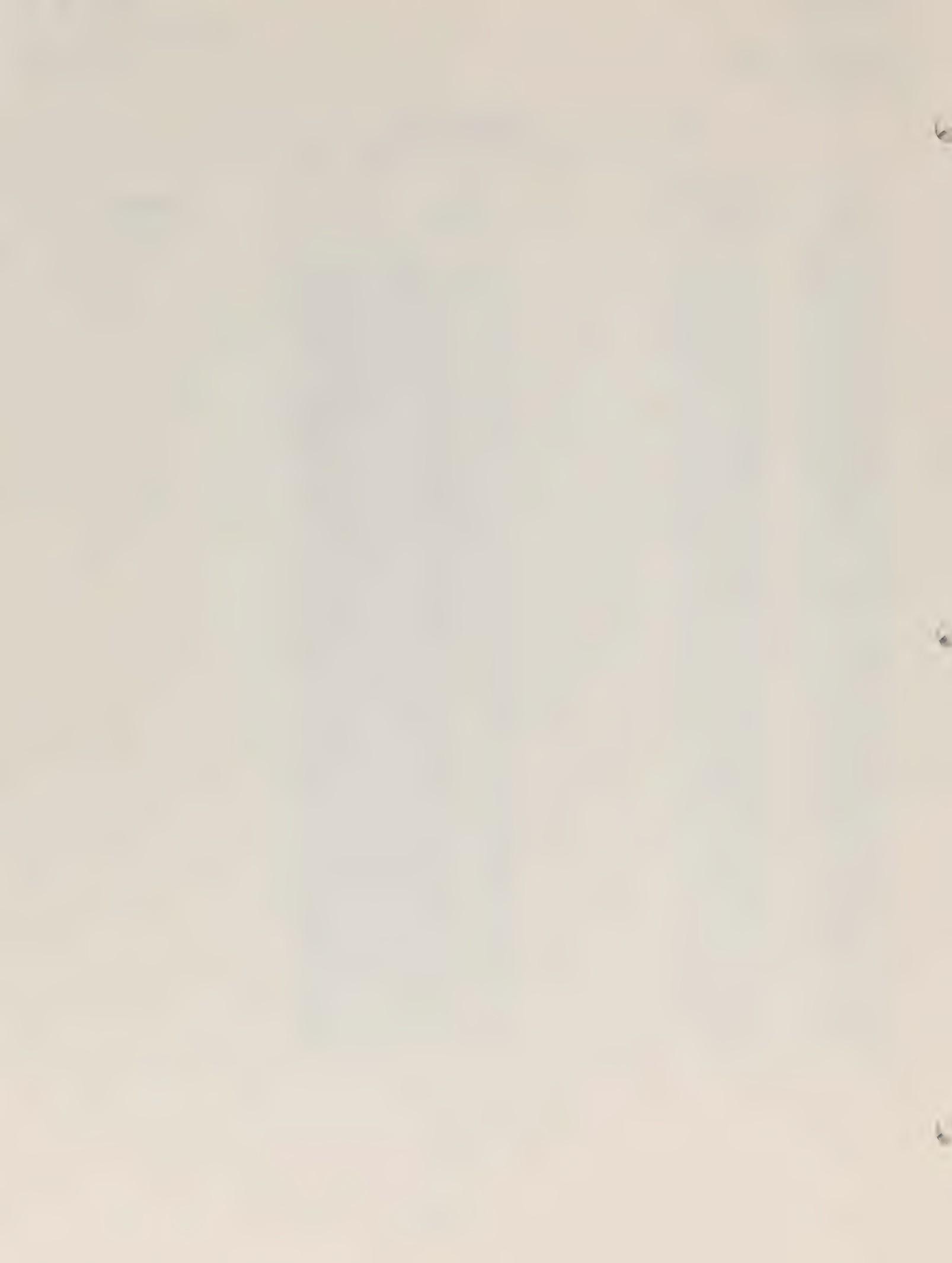


GAUGE/RUN NUMBER  
136 MPT=10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
33.657	387.736	14 29	FEB 06, 1975	
33.691	387.736	14 31	FEB 06, 1975	
33.724	387.736	14 33	FEB 06, 1975	
33.758	387.736	14 35	FEB 06, 1975	
33.792	387.736	14 37	FEB 06, 1975	
33.825	387.736	14 40	FEB 06, 1975	
33.859	387.736	14 42	FEB 06, 1975	
33.893	387.736	14 44	FEB 06, 1975	
33.926	387.736	14 46	FEB 06, 1975	
33.960	387.736	14 48	FEB 06, 1975	
33.994	387.736	14 50	FEB 06, 1975	
34.027	387.736	14 52	FEB 06, 1975	
34.061	387.736	14 54	FEB 06, 1975	
34.095	387.736	14 56	FEB 06, 1975	
34.128	387.736	14 58	FEB 06, 1975	
34.162	387.736	15 00	FEB 06, 1975	
34.196	387.736	15 02	FEB 06, 1975	
34.229	387.736	15 04	FEB 06, 1975	
34.263	387.736	15 06	FEB 06, 1975	
34.296	387.736	15 08	FEB 06, 1975	
34.330	387.735	15 10	FEB 06, 1975	
34.364	387.736	15 12	FEB 06, 1975	
34.397	387.736	15 14	FEB 06, 1975	
34.431	387.736	15 16	FEB 06, 1975	
34.465	387.736	15 18	FEB 06, 1975	
34.498	387.736	15 20	FEB 06, 1975	
34.532	387.736	15 22	FEB 06, 1975	
34.566	387.736	15 24	FEB 06, 1975	
34.599	387.736	15 26	FEB 06, 1975	
34.633	387.747	15 28	FEB 06, 1975	
34.667	387.747	15 30	FEB 06, 1975	
34.700	387.747	15 32	FEB 06, 1975	
34.734	387.747	15 34	FEB 06, 1975	
34.768	387.747	15 36	FEB 06, 1975	
34.801	387.747	15 38	FEB 06, 1975	
34.835	387.747	15 40	FEB 06, 1975	
34.869	387.747	15 42	FEB 06, 1975	
34.902	387.747	15 44	FEB 06, 1975	
34.936	387.759	15 46	FEB 06, 1975	
34.970	387.759	15 48	FEB 06, 1975	



JOB NUMBER  
SPG-11228-9

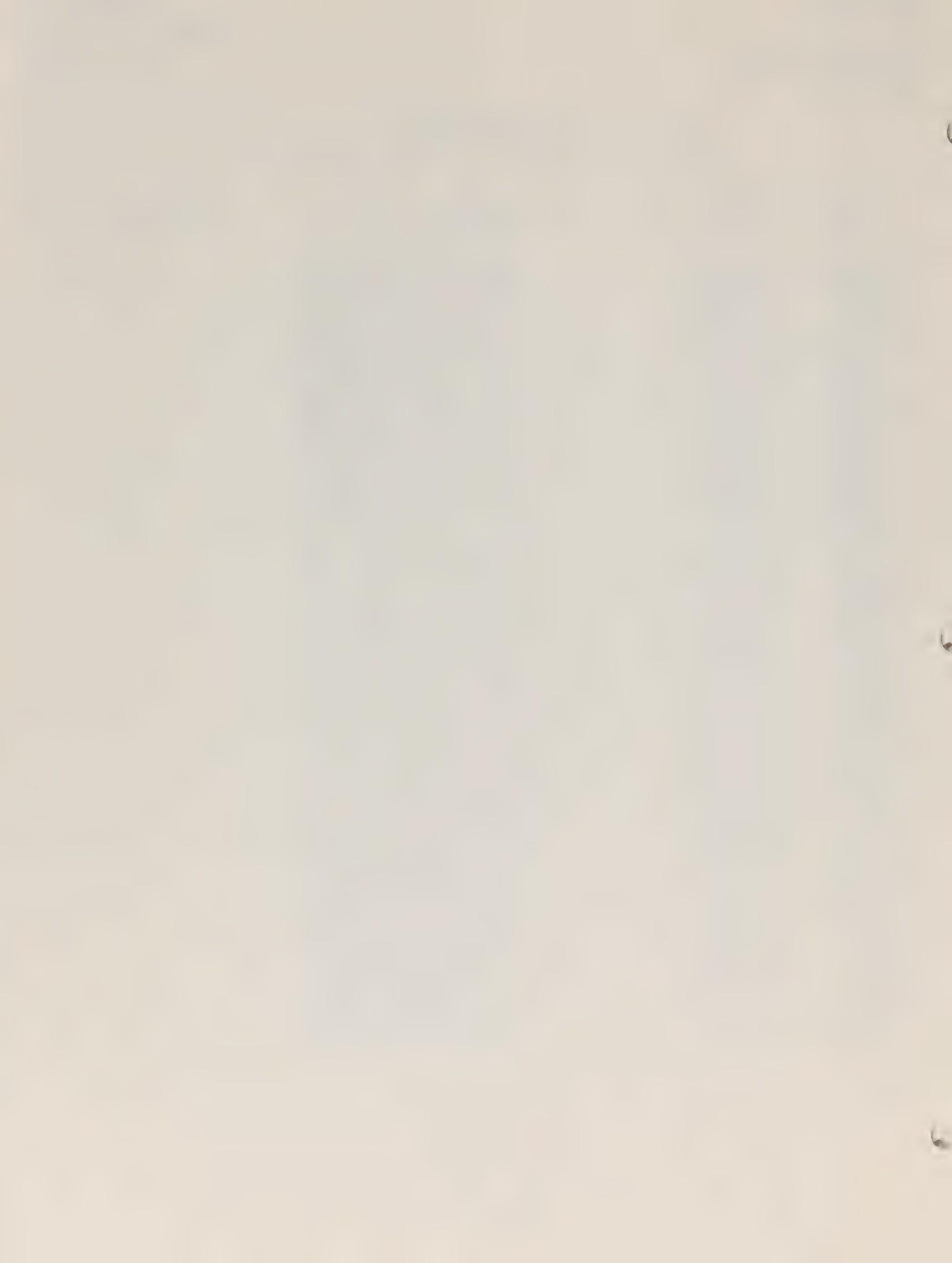
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
136 MPT-10

DATE OF RUN

SUPERV-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
35.003	387.747	15 50	FEB 06, 1975	
35.037	387.747	15 52	FEB 06, 1975	
35.071	387.747	15 54	FEB 06, 1975	
35.104	387.770	15 56	FEB 06, 1975	
35.138	387.770	15 58	FEB 06, 1975	
35.172	387.782	16 00	FEB 06, 1975	
35.205	387.770	16 02	FEB 06, 1975	
35.239	387.770	16 04	FEB 06, 1975	
35.273	387.770	16 06	FEB 06, 1975	
35.305	387.782	16 08	FEB 06, 1975	
35.340	387.770	16 10	FEB 06, 1975	
35.374	387.770	16 12	FEB 06, 1975	
35.407	387.759	16 14	FEB 06, 1975	
35.441	387.747	16 16	FEB 06, 1975	
35.474	387.747	16 18	FEB 06, 1975	
35.508	387.759	16 20	FEB 06, 1975	
35.542	387.759	16 23	FEB 06, 1975	
35.575	387.747	16 25	FEB 06, 1975	
35.609	387.770	16 27	FEB 06, 1975	
35.643	387.759	16 29	FEB 06, 1975	
35.676	387.759	16 31	FEB 06, 1975	
35.710	387.747	16 33	FEB 06, 1975	
35.744	387.747	16 35	FEB 06, 1975	
35.777	387.736	16 37	FEB 06, 1975	
35.811	387.759	16 39	FEB 06, 1975	
35.845	387.770	16 41	FEB 06, 1975	
35.878	387.770	16 43	FEB 06, 1975	
35.912	387.747	16 45	FEB 06, 1975	
35.946	387.736	16 47	FEB 06, 1975	
35.979	387.736	16 49	FEB 06, 1975	
36.013	387.736	16 51	FEB 06, 1975	
36.047	387.736	16 53	FEB 06, 1975	
36.080	387.736	16 55	FEB 06, 1975	
36.114	387.712	16 57	FEB 06, 1975	
36.148	387.712	16 59	FEB 06, 1975	
36.181	387.712	17 01	FEB 06, 1975	
36.215	387.712	17 03	FEB 06, 1975	
36.249	387.712	17 05	FEB 06, 1975	
36.282	387.669	17 07	FEB 06, 1975	
36.316	387.678	17 09	FEB 06, 1975	



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DATE OF JOB  
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DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
36.350	387.678	17 11	FEB 06, 1975	
36.383	387.659	17 13	FEB 06, 1975	
36.417	387.669	17 15	FEB 06, 1975	
36.451	387.701	17 17	FEB 06, 1975	
36.484	387.712	17 19	FEB 06, 1975	
36.518	387.724	17 21	FEB 06, 1975	
36.552	387.724	17 23	FEB 06, 1975	
36.585	387.712	17 25	FEB 06, 1975	
36.619	387.724	17 27	FEB 06, 1975	
36.652	387.724	17 29	FEB 06, 1975	
36.686	387.724	17 31	FEB 06, 1975	
36.720	387.724	17 33	FEB 06, 1975	
36.753	387.736	17 35	FEB 06, 1975	
36.787	387.736	17 37	FEB 06, 1975	
36.821	387.736	17 39	FEB 06, 1975	
36.854	387.736	17 41	FEB 06, 1975	
36.888	387.736	17 43	FEB 06, 1975	
36.922	387.736	17 45	FEB 06, 1975	
36.955	387.736	17 47	FEB 06, 1975	
36.989	387.736	17 49	FEB 06, 1975	
37.023	387.736	17 51	FEB 06, 1975	
37.056	387.724	17 53	FEB 06, 1975	
37.090	387.736	17 55	FEB 06, 1975	
37.124	387.770	17 57	FEB 06, 1975	
37.157	387.759	17 59	FEB 06, 1975	
37.191	387.747	18 01	FEB 06, 1975	
37.225	387.747	18 03	FEB 06, 1975	
37.258	387.747	18 05	FEB 06, 1975	
37.292	387.747	18 08	FEB 06, 1975	
37.326	387.747	18 10	FEB 06, 1975	
37.359	387.747	18 12	FEB 06, 1975	
37.393	387.747	18 14	FEB 06, 1975	
37.427	387.736	18 16	FEB 06, 1975	
37.460	387.736	18 18	FEB 06, 1975	
37.494	387.747	18 20	FEB 06, 1975	
37.528	387.747	18 22	FEB 06, 1975	
37.561	387.747	18 24	FEB 06, 1975	
37.595	387.747	18 26	FEB 06, 1975	
37.629	387.747	18 28	FEB 06, 1975	
37.662	387.747	18 30	FEB 06, 1975	



JOB NUMBER  
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DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
136 MPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PST)	TIME HR MIN	DATE	COMMENTS
37.696	387.747	18 32	FEB 06, 1975	
37.729	387.747	18 34	FEB 06, 1975	
37.763	387.747	18 36	FEB 06, 1975	
37.797	387.759	18 38	FEB 06, 1975	
37.830	387.759	18 40	FEB 06, 1975	
37.864	387.759	18 42	FEB 06, 1975	
37.898	387.759	18 44	FEB 06, 1975	
37.931	387.747	18 46	FEB 06, 1975	
37.965	387.759	18 48	FEB 06, 1975	
37.999	387.747	18 50	FEB 06, 1975	
38.032	387.759	18 52	FEB 06, 1975	
38.066	387.759	18 54	FEB 06, 1975	
38.100	387.770	19 56	FEB 06, 1975	
38.133	387.770	18 58	FEB 06, 1975	
38.167	387.805	19 00	FEB 06, 1975	UNSEAT PACKERS END OF TEST

1135 POINTS REPORTED THIS RUN

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II B-827



JOB NUMBER  
SPG-11228-9  
MPT #10

DATE OF JOB  
FEBRUARY 5-6, 1975

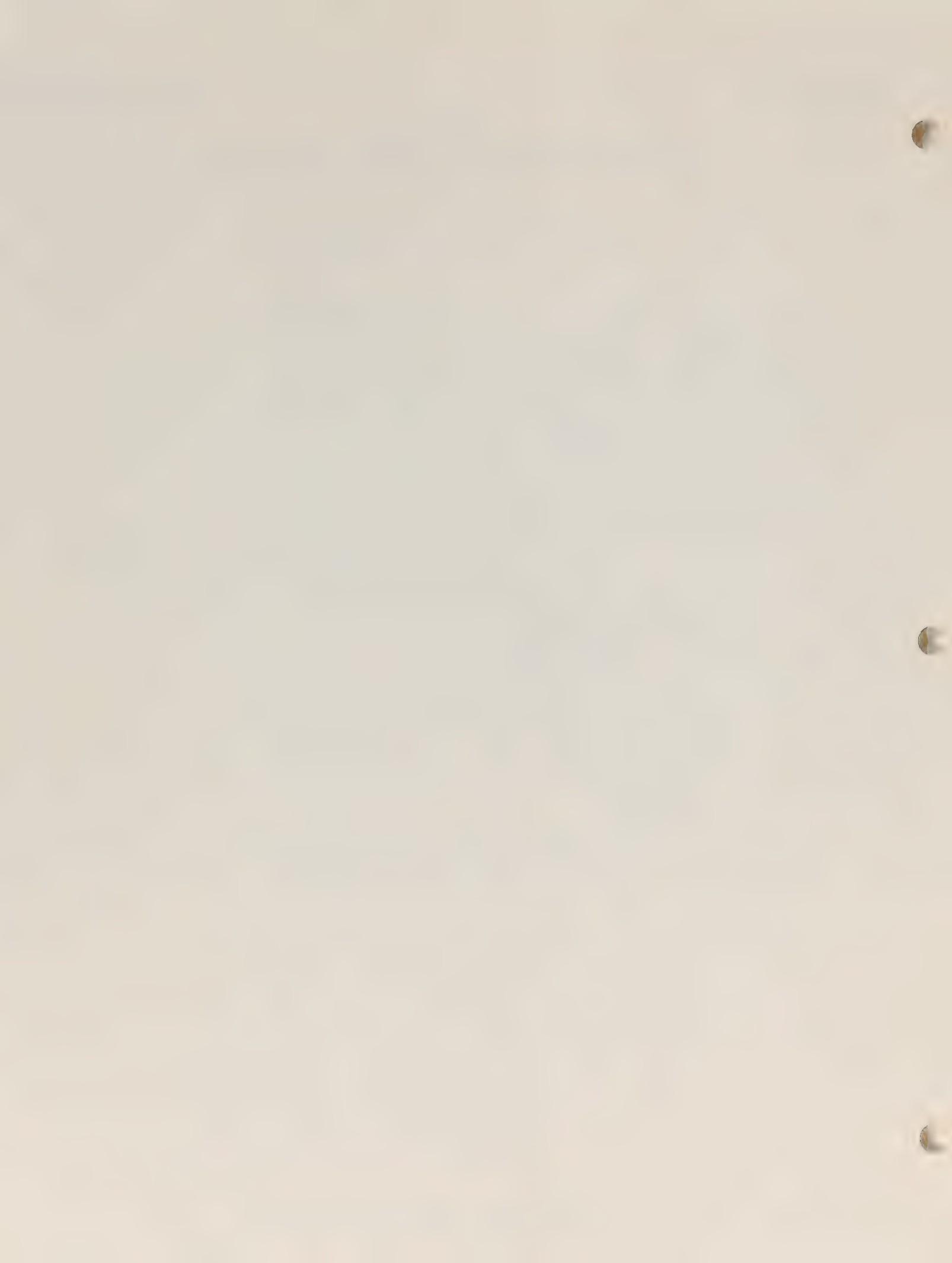
SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT  
PREPARED FOR  
ATLANTIC RICHFIELD COMPANY

WELL NUMBER SG-1  
FIELD/LEASE SORGHUM GULCH  
COUNTY/PARISH RIO BLANCO  
STATE COLORADO  
TYPE OF TEST MPT  
REFERENCE ELEV GROUND LEVEL

AUXILIARY INFORMATION

GAUGE NO. 140 WITH 500 PST ELEMENT  
GAUGE DEPTH 275 FEET MIDDLE GAUGE  
ZONE FOR GAUGE NO. 140 968 FT - 1008 FT  
INITIAL HYDROSTATIC 395.241 PSI  
FINAL HYDROSTATIC 395.435 PST  
GROUND ELEVATION 6428 FEET  
PACKER DEPTHS THIS TEST 968 FT. AND 1008 FT. TD=2522 FT.

1126 POINTS REPORTED THIS JOB



JOB NUMBER  
SPG-11228-2

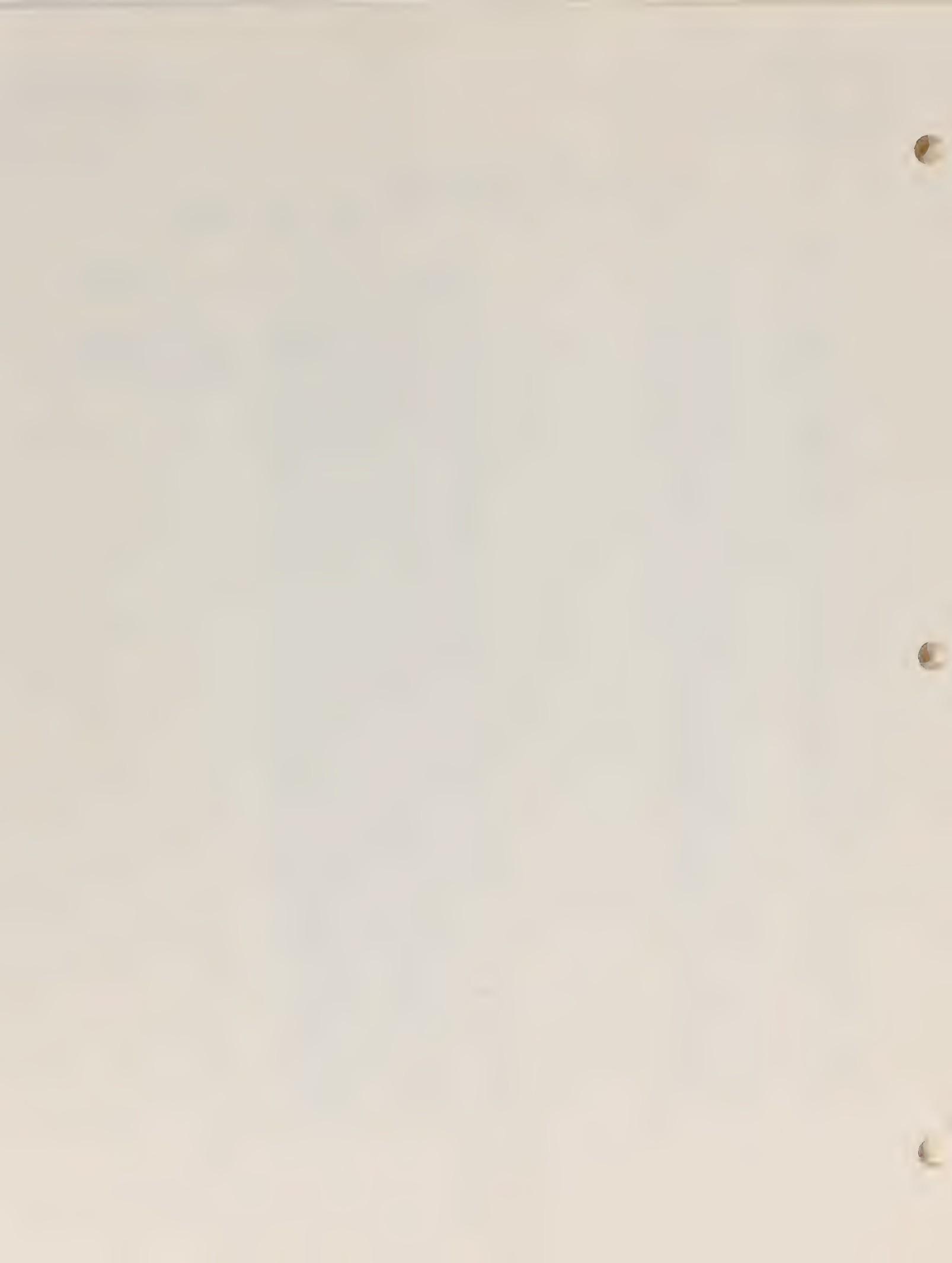
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
140 MP1-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
0.000	-15.365	04 50	FEB 05, 1975	SET PACKER AT
0.034	-15.365	04 52	FEB 05, 1975	A TIME OF 0450
0.067	-15.365	04 54	FEB 05, 1975	2-05-75
0.537	394.206	05 22	FEB 05, 1975	
0.570	396.502	05 24	FEB 05, 1975	
0.604	397.352	05 26	FEB 05, 1975	
0.637	398.006	05 28	FEB 05, 1975	
0.671	398.213	05 30	FEB 05, 1975	
0.704	398.259	05 32	FEB 05, 1975	
0.738	398.282	05 34	FEB 05, 1975	
0.771	398.293	05 36	FEB 05, 1975	
0.805	398.282	05 38	FEB 05, 1975	.
0.838	398.293	05 40	FEB 05, 1975	
0.872	398.282	05 42	FEB 05, 1975	
0.906	398.270	05 44	FEB 05, 1975	
0.939	398.259	05 46	FEB 05, 1975	
0.973	398.259	05 48	FEB 05, 1975	
1.006	398.224	05 50	FEB 05, 1975	
1.040	398.224	05 52	FEB 05, 1975	
1.073	398.213	05 54	FEB 05, 1975	
1.107	398.201	05 56	FEB 05, 1975	
1.140	398.178	05 58	FEB 05, 1975	
1.174	398.190	06 00	FEB 05, 1975	
1.207	398.157	06 02	FEB 05, 1975	
1.241	398.167	06 04	FEB 05, 1975	
1.274	398.155	06 06	FEB 05, 1975	
1.308	398.144	06 08	FEB 05, 1975	
1.342	398.132	06 10	FEB 05, 1975	
1.375	398.132	06 13	FEB 05, 1975	
1.409	398.110	06 15	FEB 05, 1975	
1.442	398.132	06 17	FEB 05, 1975	
1.476	398.098	06 19	FEB 05, 1975	
1.509	398.098	06 21	FEB 05, 1975	
1.543	398.098	06 23	FEB 05, 1975	
1.575	398.098	06 25	FEB 05, 1975	
1.610	398.087	06 27	FEB 05, 1975	
1.642	398.110	06 29	FEB 05, 1975	
1.677	398.087	06 31	FEB 05, 1975	
1.710	398.087	06 33	FEB 05, 1975	
1.744	398.064	06 35	FEB 05, 1975	



JOB NUMBER  
SPG-11228-9

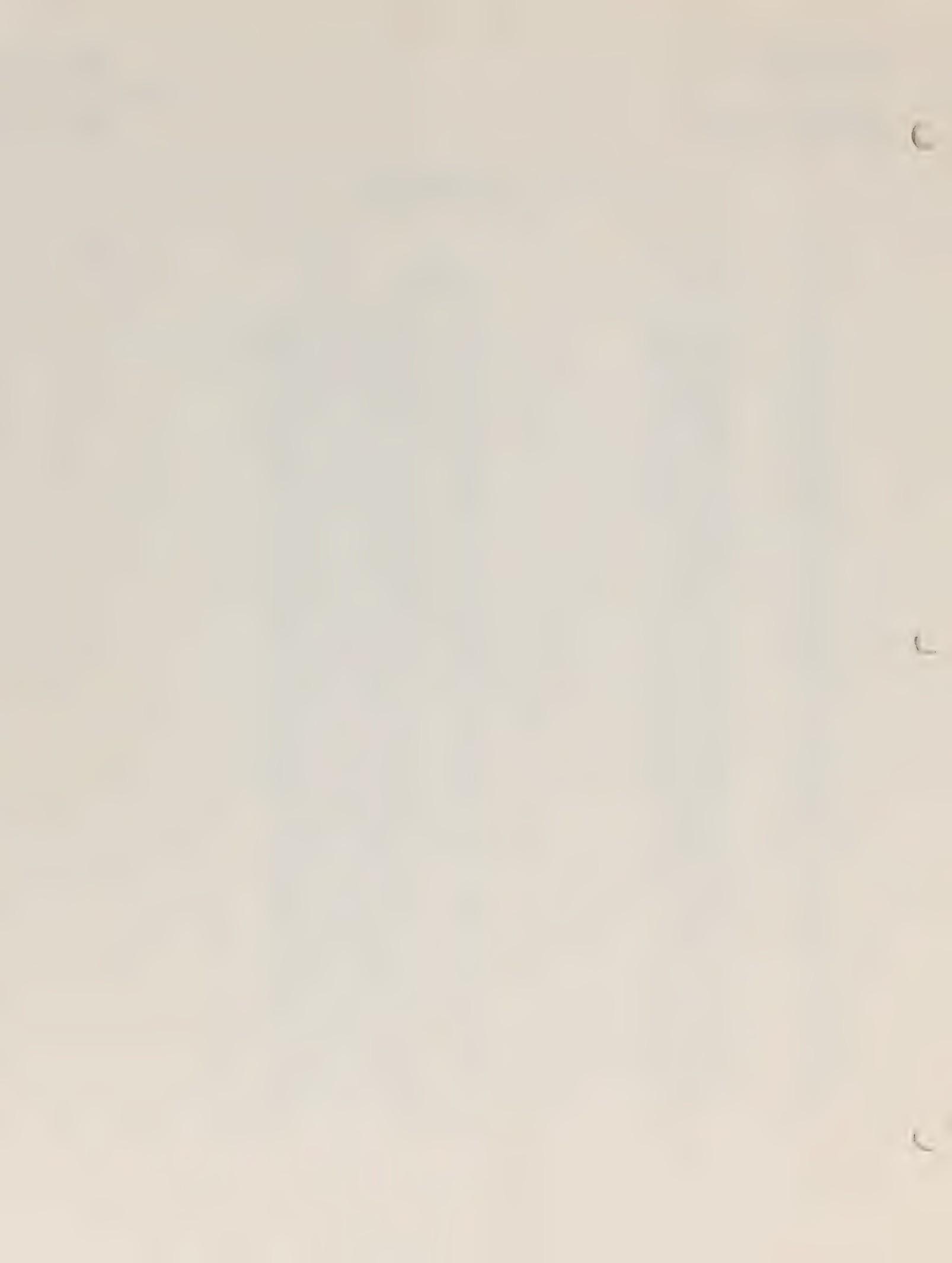
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
140 MPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
1.778	398.075	06 37	FEB 05, 1975	
1.811	398.064	06 39	FEB 05, 1975	
1.845	398.018	06 41	FEB 05, 1975	
1.874	398.018	06 43	FEB 05, 1975	
1.912	398.006	06 45	FEB 05, 1975	
1.945	397.995	06 47	FEB 05, 1975	
1.979	397.995	06 49	FEB 05, 1975	
2.012	397.983	06 51	FEB 05, 1975	
2.046	397.949	06 53	FEB 05, 1975	
2.079	397.972	06 55	FEB 05, 1975	
2.113	397.960	06 57	FEB 05, 1975	
2.146	397.926	06 59	FEB 05, 1975	
2.180	397.914	07 01	FEB 05, 1975	
2.214	397.903	07 03	FEB 05, 1975	
2.247	397.926	07 05	FEB 05, 1975	
2.281	397.903	07 07	FEB 05, 1975	
2.314	397.903	07 09	FEB 05, 1975	
2.347	397.903	07 11	FEB 05, 1975	
2.381	397.914	07 13	FEB 05, 1975	
2.415	397.891	07 15	FEB 05, 1975	
2.448	397.651	07 17	FEB 05, 1975	
2.482	397.926	07 19	FEB 05, 1975	
2.515	397.914	07 21	FEB 05, 1975	
2.549	397.903	07 23	FEB 05, 1975	
2.582	397.949	07 25	FEB 05, 1975	
2.616	397.926	07 27	FEB 05, 1975	
2.650	397.949	07 29	FEB 05, 1975	
2.683	397.937	07 31	FEB 05, 1975	
2.717	397.949	07 33	FEB 05, 1975	
2.751	397.949	07 35	FEB 05, 1975	
2.784	397.949	07 37	FEB 05, 1975	
2.817	397.949	07 39	FEB 05, 1975	
2.851	397.949	07 41	FEB 05, 1975	
2.884	397.960	07 43	FEB 05, 1975	
2.917	397.960	07 45	FEB 05, 1975	
2.951	397.949	07 47	FEB 05, 1975	
2.984	397.960	07 49	FEB 05, 1975	
3.017	397.949	07 51	FEB 05, 1975	
3.050	397.972	07 53	FEB 05, 1975	
3.083	397.983	07 55	FEB 05, 1975	



JOB NUMBER  
SPG-11228-9

DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
140 MPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELT A TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
3.119	397.983	07 57	FEB 05, 1975	
3.153	398.006	07 59	FEB 05, 1975	
3.186	397.995	08 01	FEB 05, 1975	
3.220	398.006	08 03	FEB 05, 1975	
3.253	398.006	08 05	FEB 05, 1975	
3.287	398.029	08 07	FEB 05, 1975	
3.320	398.029	08 09	FEB 05, 1975	
3.354	398.052	08 11	FEB 05, 1975	
3.387	398.064	08 13	FEB 05, 1975	
3.421	398.064	08 15	FEB 05, 1975	
3.454	398.075	08 17	FEB 05, 1975	
3.488	398.064	08 19	FEB 05, 1975	
3.521	398.110	08 21	FEB 05, 1975	
3.555	398.075	08 23	FEB 05, 1975	
3.584	398.006	08 25	FEB 05, 1975	
3.622	397.949	08 27	FEB 05, 1975	
3.656	397.949	08 29	FEB 05, 1975	
3.689	397.914	08 31	FEB 05, 1975	
3.723	397.903	08 33	FEB 05, 1975	
3.756	397.903	08 35	FEB 05, 1975	
3.790	397.903	08 37	FEB 05, 1975	
3.823	397.926	08 39	FEB 05, 1975	
3.857	397.960	08 41	FEB 05, 1975	
3.891	397.909	08 43	FEB 05, 1975	
3.924	397.960	08 45	FEB 05, 1975	
3.957	397.960	08 47	FEB 05, 1975	
3.991	398.006	08 49	FEB 05, 1975	
4.025	398.018	08 51	FEB 05, 1975	
4.058	398.018	08 53	FEB 05, 1975	
4.092	398.029	08 55	FEB 05, 1975	
4.125	398.064	08 58	FEB 05, 1975	
4.159	398.029	09 00	FEB 05, 1975	
4.192	398.075	09 02	FEB 05, 1975	
4.226	398.075	09 04	FEB 05, 1975	
4.254	398.087	09 06	FEB 05, 1975	
4.288	398.087	09 08	FEB 05, 1975	
4.326	398.087	09 10	FEB 05, 1975	
4.361	398.087	09 12	FEB 05, 1975	
4.393	398.098	09 14	FEB 05, 1975	
4.427	398.098	09 16	FEB 05, 1975	

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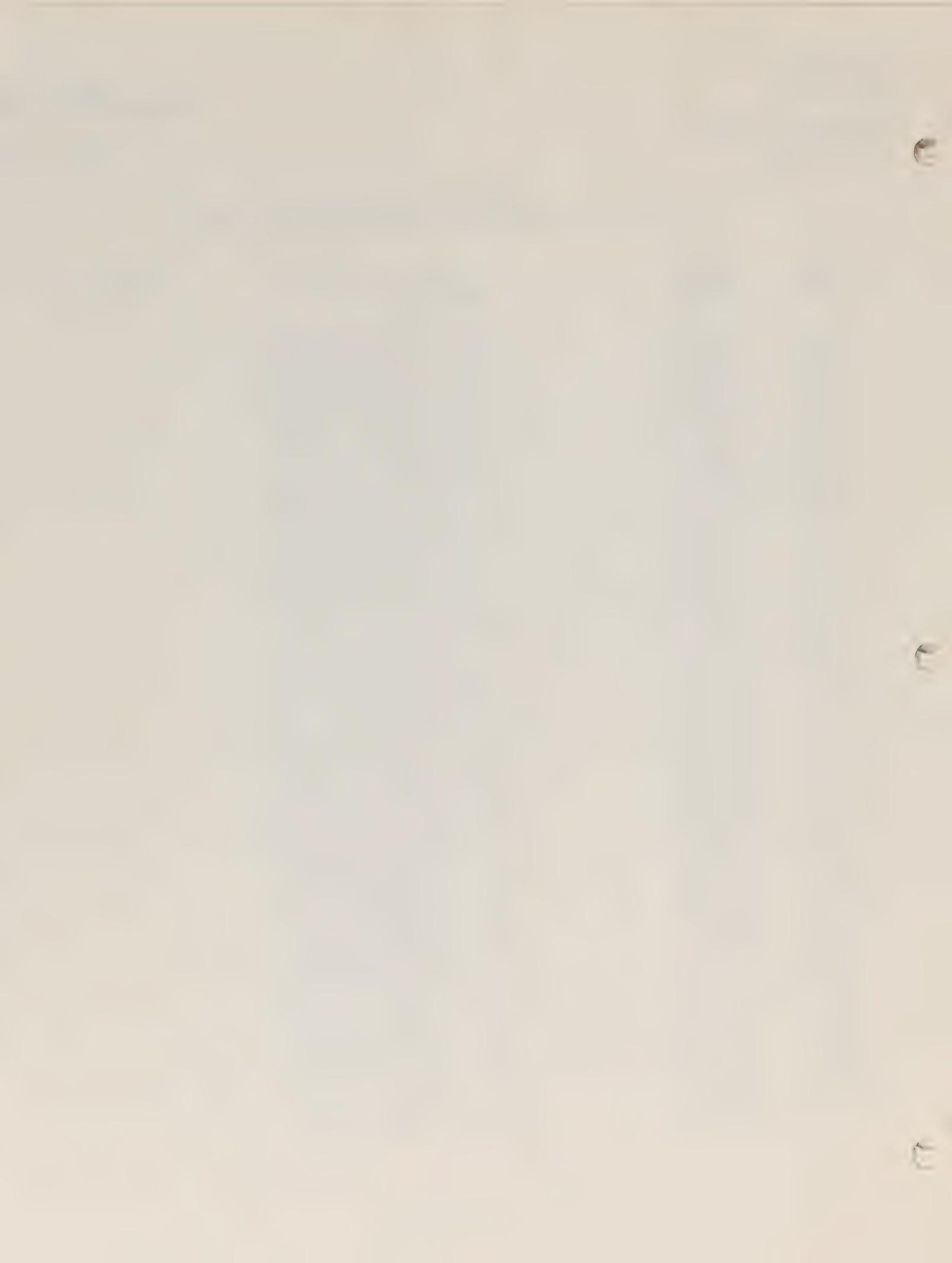
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
140 MPT-10

DATE OF RIJN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PST)	TIME HR MIN	DATE	COMMENTS
4.461	398.110	09	18 FEB 05, 1975	
4.494	398.110	09	20 FEB 05, 1975	
4.528	398.132	09	22 FEB 05, 1975	
4.561	398.110	09	24 FEB 05, 1975	
4.595	398.121	09	26 FEB 05, 1975	
4.624	398.121	09	28 FEB 05, 1975	
4.662	398.121	09	30 FEB 05, 1975	
4.695	398.098	09	32 FEB 05, 1975	
4.729	398.110	09	34 FEB 05, 1975	
4.762	398.132	09	36 FEB 05, 1975	
4.796	398.132	09	38 FEB 05, 1975	
4.829	398.144	09	40 FEB 05, 1975	
4.863	398.144	09	42 FEB 05, 1975	
4.897	398.155	09	44 FEB 05, 1975	
4.930	398.155	09	46 FEB 05, 1975	
4.964	398.173	09	48 FEB 05, 1975	
4.997	398.167	09	50 FEB 05, 1975	
5.031	398.190	09	52 FEB 05, 1975	
5.064	398.178	09	54 FEB 05, 1975	
5.098	398.190	09	56 FEB 05, 1975	
5.131	398.178	09	58 FEB 05, 1975	
5.165	398.190	10	00 FEB 05, 1975	
5.198	398.190	10	02 FEB 05, 1975	
5.232	398.190	10	04 FEB 05, 1975	
5.265	398.190	10	06 FEB 05, 1975	
5.299	398.213	10	08 FEB 05, 1975	
5.333	398.213	10	10 FEB 05, 1975	
5.366	398.190	10	12 FEB 05, 1975	
5.400	398.190	10	14 FEB 05, 1975	
5.433	398.224	10	16 FEB 05, 1975	
5.467	398.213	10	18 FEB 05, 1975	
5.500	398.201	10	20 FEB 05, 1975	
5.524	398.201	10	22 FEB 05, 1975	
5.567	398.190	10	24 FEB 05, 1975	
5.601	398.213	10	26 FEB 05, 1975	
5.634	398.213	10	28 FEB 05, 1975	
5.667	398.213	10	30 FEB 05, 1975	
5.701	398.213	10	32 FEB 05, 1975	
5.735	398.213	10	34 FEB 05, 1975	
5.769	398.190	10	36 FEB 05, 1975	



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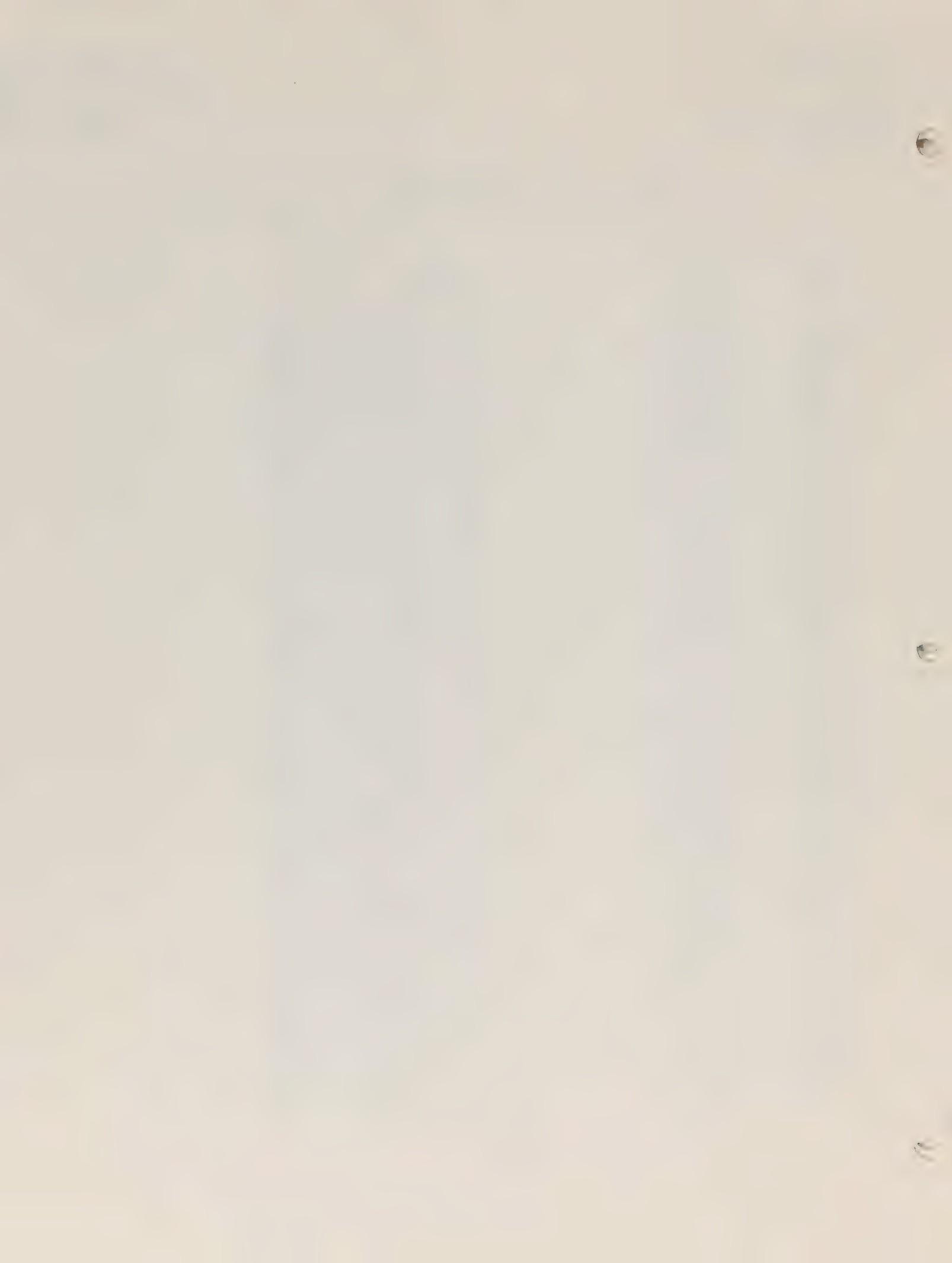
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
140 MPT-10

DATE OF RUN

SPERRY-SU  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
5.802	398.213	10 38	FEB 05, 1975	
5.836	398.213	10 40	FEB 05, 1975	
5.869	398.213	10 42	FEB 05, 1975	
5.903	398.201	10 44	FEB 05, 1975	
5.926	398.236	10 46	FEB 05, 1975	
5.970	398.247	10 48	FEB 05, 1975	
6.003	398.247	10 50	FEB 05, 1975	
6.037	398.282	10 52	FEB 05, 1975	
6.070	398.305	10 54	FEB 05, 1975	
6.104	398.305	10 56	FEB 05, 1975	
6.137	398.305	10 58	FEB 05, 1975	
6.171	398.351	11 00	FEB 05, 1975	
6.205	398.374	11 02	FEB 05, 1975	
6.238	398.385	11 04	FEB 05, 1975	
6.272	398.419	11 06	FEB 05, 1975	
6.305	398.419	11 08	FEB 05, 1975	
6.339	398.408	11 10	FEB 05, 1975	
6.372	398.408	11 12	FEB 05, 1975	
6.406	398.397	11 14	FEB 05, 1975	
6.439	398.397	11 16	FEB 05, 1975	
6.473	398.339	11 18	FEB 05, 1975	
6.506	398.385	11 20	FEB 05, 1975	
6.540	398.385	11 22	FEB 05, 1975	
6.573	398.374	11 24	FEB 05, 1975	
6.607	398.374	11 26	FEB 05, 1975	
6.641	398.351	11 28	FEB 05, 1975	
6.674	398.362	11 30	FEB 05, 1975	
6.708	398.362	11 32	FEB 05, 1975	
6.741	398.351	11 34	FEB 05, 1975	
6.775	398.351	11 36	FEB 05, 1975	
6.808	398.351	11 38	FEB 05, 1975	
6.842	398.339	11 41	FEB 05, 1975	
6.875	398.339	11 43	FEB 05, 1975	
6.909	398.326	11 45	FEB 05, 1975	
6.942	398.339	11 47	FEB 05, 1975	
6.976	398.339	11 49	FEB 05, 1975	
7.009	398.334	11 51	FEB 05, 1975	
7.043	398.316	11 53	FEB 05, 1975	
7.077	398.351	11 55	FEB 05, 1975	
7.111	398.328	11 57	FEB 05, 1975	



JOB NUMBER  
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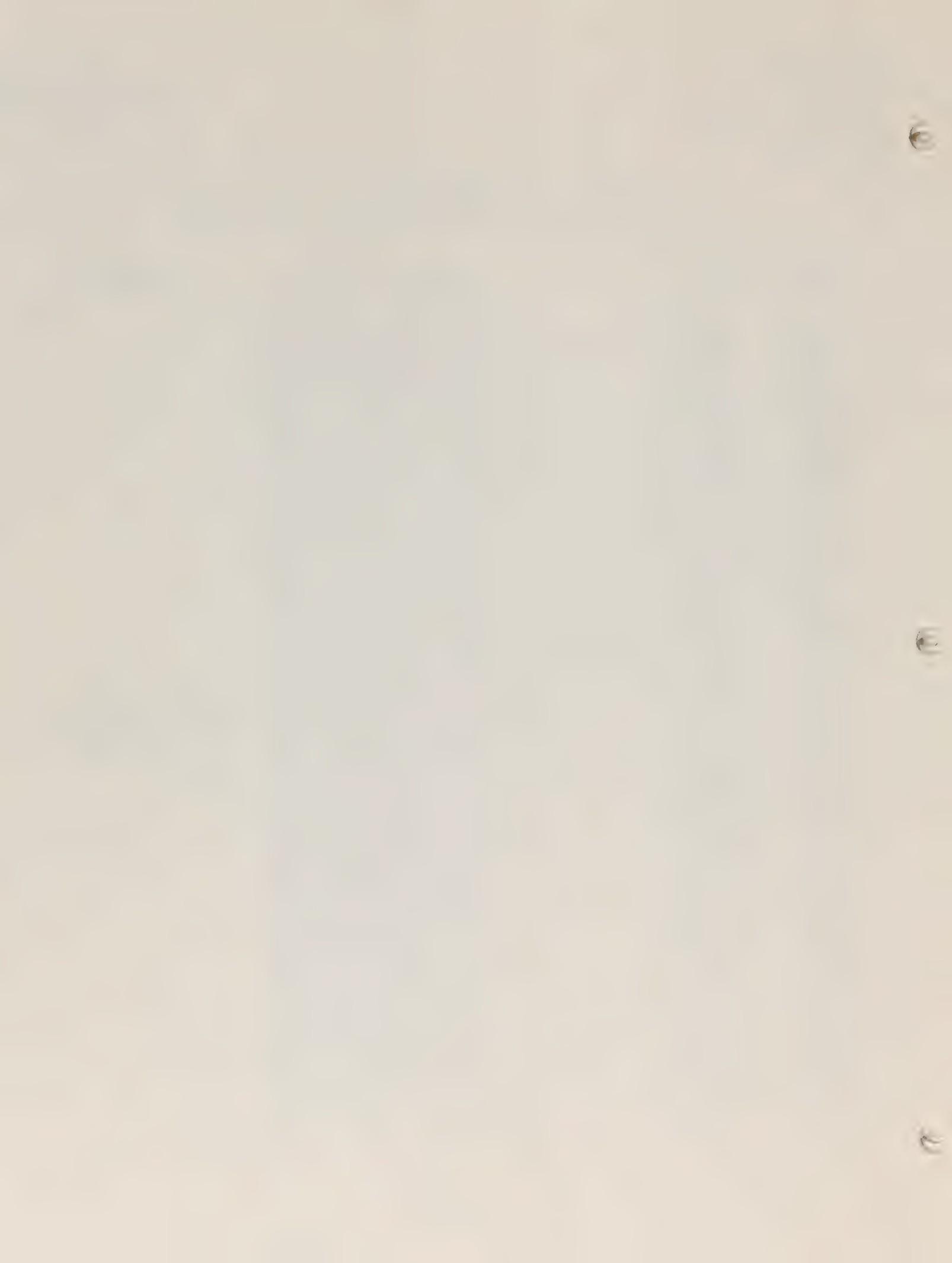
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
140 MPT=10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
7.144	398.500	11 59	FEB 05, 1975	
7.177	398.649	12 01	FEB 05, 1975	
7.211	398.752	12 03	FEB 05, 1975	
7.244	398.810	12 05	FEB 05, 1975	
7.278	398.810	12 07	FEB 05, 1975	
7.311	398.844	12 09	FEB 05, 1975	
7.345	398.821	12 11	FEB 05, 1975	
7.378	398.787	12 13	FEB 05, 1975	
7.412	398.775	12 15	FEB 05, 1975	
7.445	398.741	12 17	FEB 05, 1975	
7.479	398.764	12 19	FEB 05, 1975	
7.513	398.821	12 21	FEB 05, 1975	
7.546	399.039	12 23	FEB 05, 1975	
7.580	399.349	12 25	FEB 05, 1975	
7.613	399.694	12 27	FEB 05, 1975	
7.647	400.027	12 29	FEB 05, 1975	
7.680	400.382	12 31	FEB 05, 1975	
7.714	400.715	12 33	FEB 05, 1975	
7.747	401.037	12 35	FEB 05, 1975	
7.781	401.347	12 37	FEB 05, 1975	
7.814	401.645	12 39	FEB 05, 1975	
7.848	401.978	12 41	FEB 05, 1975	
7.881	402.208	12 43	FEB 05, 1975	
7.915	402.231	12 45	FEB 05, 1975	
7.942	402.196	12 47	FEB 05, 1975	
7.982	402.093	12 49	FEB 05, 1975	
8.016	402.081	12 51	FEB 05, 1975	
8.049	401.829	12 53	FEB 05, 1975	
8.083	401.630	12 55	FEB 05, 1975	
8.116	401.760	12 57	FEB 05, 1975	
8.150	401.416	12 59	FEB 05, 1975	
8.183	401.255	13 01	FEB 05, 1975	
8.217	401.140	13 03	FEB 05, 1975	
8.250	401.025	13 05	FEB 05, 1975	
8.284	400.922	13 07	FEB 05, 1975	
8.317	400.607	13 09	FEB 05, 1975	
8.351	400.715	13 11	FEB 05, 1975	
8.385	400.624	13 13	FEB 05, 1975	
8.419	400.543	13 15	FEB 05, 1975	
8.452	400.474	13 17	FEB 05, 1975	



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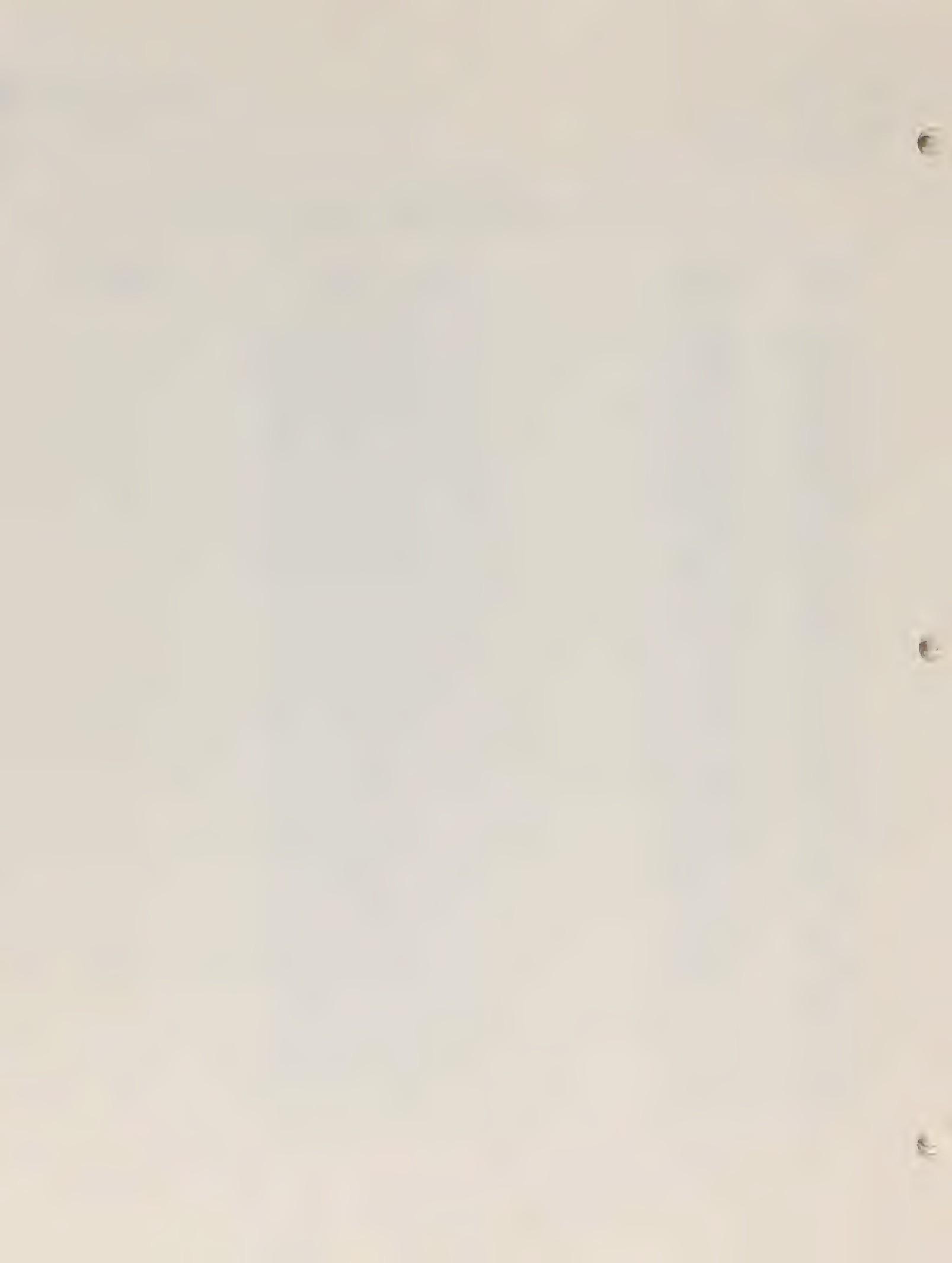
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
140 MPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
8.485	400.405	13 19	FEB 05, 1975	
8.519	400.337	13 21	FEB 05, 1975	
8.552	400.291	13 23	FEB 05, 1975	
8.586	400.194	13 25	FEB 05, 1975	
8.619	400.153	13 27	FEB 05, 1975	
8.653	400.118	13 29	FEB 05, 1975	
8.684	400.084	13 31	FEB 05, 1975	
8.720	400.050	13 33	FEB 05, 1975	
8.753	400.004	13 35	FEB 05, 1975	
8.787	399.969	13 37	FEB 05, 1975	
8.820	399.935	13 39	FEB 05, 1975	
8.854	399.889	13 41	FEB 05, 1975	
8.888	399.854	13 43	FEB 05, 1975	
8.921	399.831	13 45	FEB 05, 1975	
8.955	399.809	13 47	FEB 05, 1975	
8.988	399.774	13 49	FEB 05, 1975	
9.022	399.728	13 51	FEB 05, 1975	
9.055	399.740	13 53	FEB 05, 1975	
9.089	399.717	13 55	FEB 05, 1975	
9.122	399.682	13 57	FEB 05, 1975	
9.156	399.659	13 59	FEB 05, 1975	
9.189	399.659	14 01	FEB 05, 1975	
9.223	399.636	14 03	FEB 05, 1975	
9.256	399.590	14 05	FEB 05, 1975	
9.290	399.579	14 07	FEB 05, 1975	
9.324	399.544	14 09	FEB 05, 1975	
9.357	399.522	14 11	FEB 05, 1975	
9.391	399.487	14 13	FEB 05, 1975	
9.424	399.453	14 15	FEB 05, 1975	
9.458	399.430	14 17	FEB 05, 1975	
9.491	399.384	14 19	FEB 05, 1975	
9.524	399.372	14 21	FEB 05, 1975	
9.558	399.338	14 23	FEB 05, 1975	
9.592	399.338	14 26	FEB 05, 1975	
9.625	399.315	14 28	FEB 05, 1975	
9.659	399.315	14 30	FEB 05, 1975	
9.692	399.235	14 32	FEB 05, 1975	
9.726	398.519	14 34	FEB 05, 1975	
9.760	398.178	14 36	FEB 05, 1975	
9.793	397.524	14 38	FEB 05, 1975	START JETTING



JOB NUMBER  
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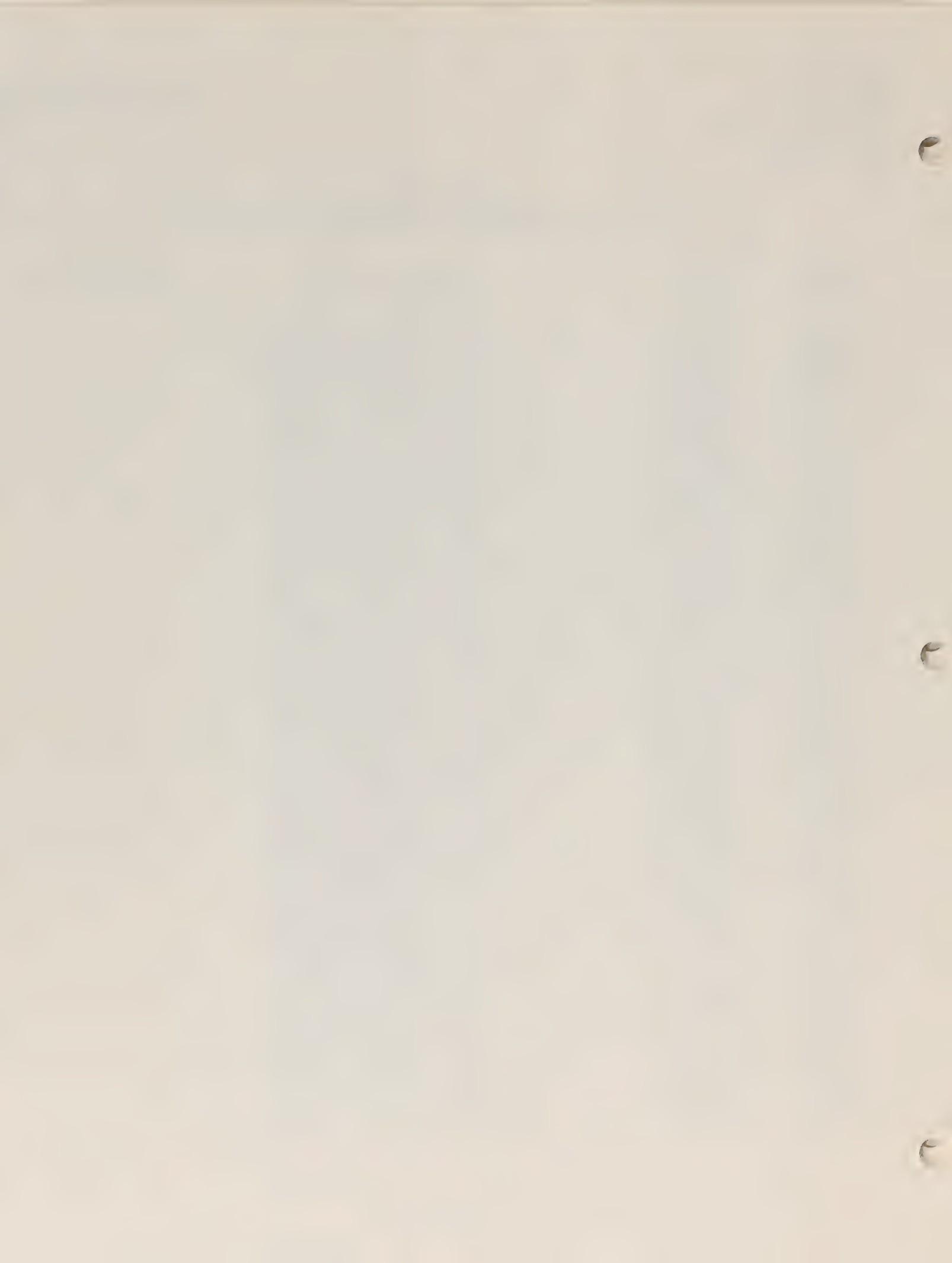
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
140 MPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
9.827	396.481	14 40	FEB 05, 1975	
9.860	396.307	14 42	FEB 05, 1975	
9.894	395.687	14 44	FEB 05, 1975	
9.927	395.136	14 46	FEB 05, 1975	
9.961	394.597	14 48	FEB 05, 1975	
9.994	394.126	14 50	FEB 05, 1975	
10.028	393.678	14 52	FEB 05, 1975	
10.061	393.288	14 54	FEB 05, 1975	
10.095	392.698	14 56	FEB 05, 1975	
10.128	392.553	14 58	FEB 05, 1975	
10.162	392.232	15 00	FEB 05, 1975	
10.195	391.922	15 02	FEB 05, 1975	
10.228	391.624	15 04	FEB 05, 1975	
10.261	391.337	15 06	FEB 05, 1975	
10.294	391.110	15 08	FEB 05, 1975	
10.338	390.966	15 10	FEB 05, 1975	
10.363	390.825	15 12	FEB 05, 1975	
10.397	390.395	15 14	FEB 05, 1975	
10.431	390.200	15 16	FEB 05, 1975	
10.464	389.916	15 18	FEB 05, 1975	
10.497	389.633	15 20	FEB 05, 1975	
10.531	389.626	15 22	FEB 05, 1975	
10.564	389.477	15 24	FEB 05, 1975	
10.598	389.293	15 26	FEB 05, 1975	
10.632	389.134	15 28	FEB 05, 1975	
10.665	388.963	15 30	FEB 05, 1975	
10.699	388.857	15 32	FEB 05, 1975	
10.732	388.712	15 34	FEB 05, 1975	
10.766	388.581	15 36	FEB 05, 1975	
10.799	388.456	15 38	FEB 05, 1975	
10.833	388.329	15 40	FEB 05, 1975	
10.866	388.203	15 42	FEB 05, 1975	
10.900	387.986	15 44	FEB 05, 1975	
10.933	387.939	15 46	FEB 05, 1975	
10.967	387.647	15 48	FEB 05, 1975	
11.000	387.703	15 50	FEB 05, 1975	
11.034	387.629	15 52	FEB 05, 1975	
11.068	387.525	15 54	FEB 05, 1975	
11.101	387.422	15 56	FEB 05, 1975	
11.135	387.342	15 58	FEB 05, 1975	



JOB NUMBER  
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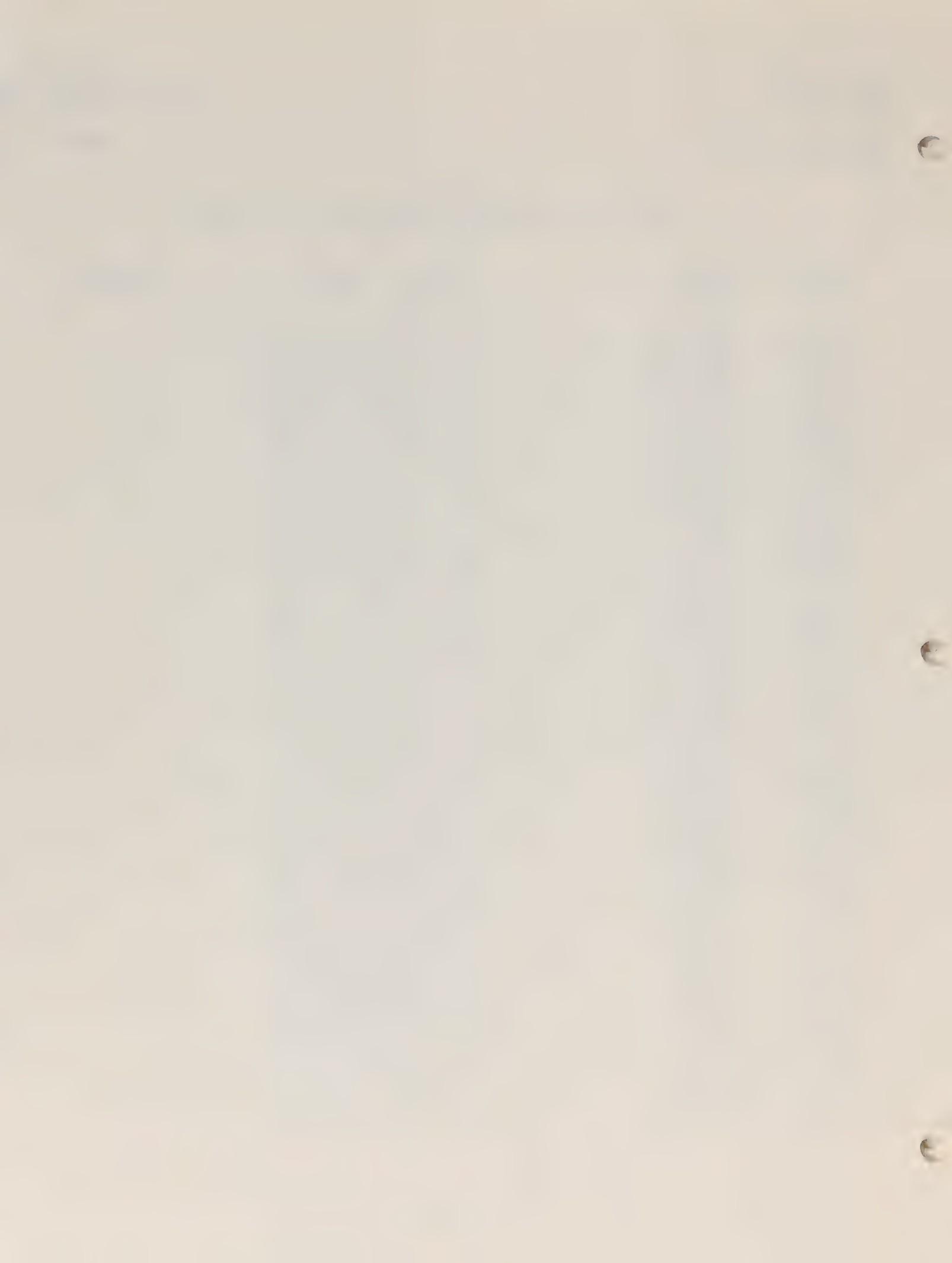
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
140 MPT-10

DATE OF RIJN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
11.168	387.230	16 00	FEB 05, 1975	
11.202	387.135	16 02	FEB 05, 1975	
11.235	387.055	16 04	FEB 05, 1975	
11.269	386.963	16 06	FEB 05, 1975	
11.302	386.871	16 08	FEB 05, 1975	
11.336	386.779	16 10	FEB 05, 1975	
11.369	386.687	16 12	FEB 05, 1975	
11.403	386.541	16 14	FEB 05, 1975	
11.436	386.550	16 15	FEB 05, 1975	
11.470	386.458	16 18	FEB 05, 1975	
11.504	386.320	16 20	FEB 05, 1975	
11.537	386.240	16 22	FEB 05, 1975	
11.571	386.171	16 24	FEB 05, 1975	
11.604	386.079	16 26	FEB 05, 1975	
11.638	386.021	16 28	FEB 05, 1975	
11.671	385.953	16 30	FEB 05, 1975	
11.705	385.872	16 32	FEB 05, 1975	
11.738	385.803	16 34	FEB 05, 1975	
11.772	385.734	16 36	FEB 05, 1975	
11.805	385.689	16 38	FEB 05, 1975	
11.838	385.620	16 40	FEB 05, 1975	
11.872	385.552	16 42	FEB 05, 1975	
11.906	385.516	16 44	FEB 05, 1975	
11.940	385.470	16 46	FEB 05, 1975	
11.973	385.390	16 48	FEB 05, 1975	
12.007	385.333	16 50	FEB 05, 1975	
12.041	385.275	16 52	FEB 05, 1975	
12.074	385.229	16 54	FEB 05, 1975	
12.107	385.163	16 56	FEB 05, 1975	
12.141	385.115	16 58	FEB 05, 1975	
12.174	385.069	17 00	FEB 05, 1975	
12.208	385.023	17 02	FEB 05, 1975	
12.241	384.954	17 04	FEB 05, 1975	
12.275	384.908	17 06	FEB 05, 1975	
12.309	384.773	17 08	FEB 05, 1975	
12.342	384.728	17 11	FEB 05, 1975	
12.376	384.753	17 13	FEB 05, 1975	
12.409	384.724	17 15	FEB 05, 1975	
12.443	384.690	17 17	FEB 05, 1975	
12.476	384.632	17 19	FEB 05, 1975	



JOB NUMBER  
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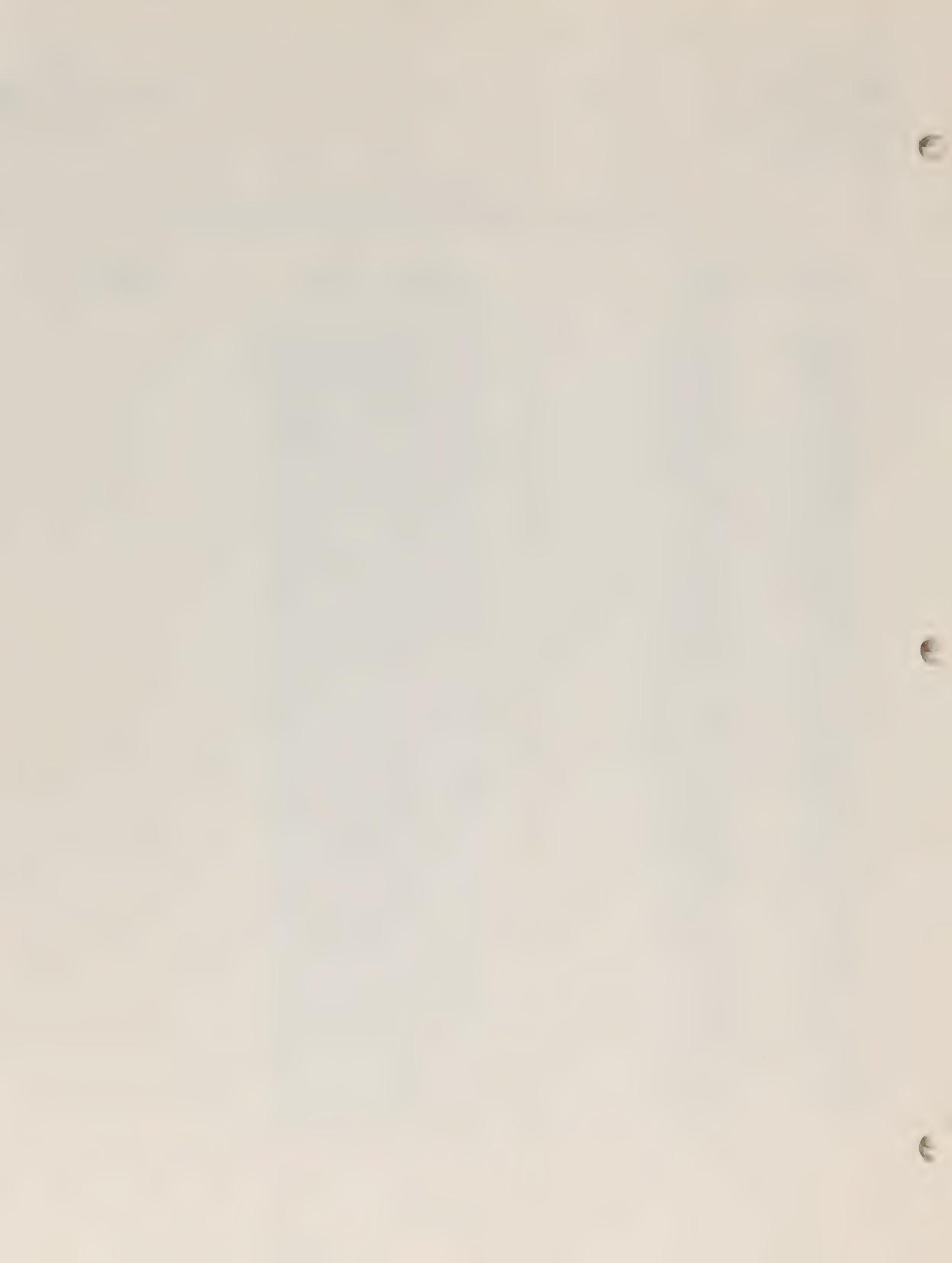
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
140 MPT-10

DATE OF RUN

SPERRY-SUB  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
12.510	384.586	17 21	FEB 05, 1975	
12.543	384.552	17 23	FEB 05, 1975	
12.577	384.529	17 25	FEB 05, 1975	
12.610	384.483	17 27	FEB 05, 1975	
12.644	384.426	17 29	FEB 05, 1975	
12.677	384.380	17 31	FEB 05, 1975	
12.711	384.345	17 33	FEB 05, 1975	
12.744	384.311	17 35	FEB 05, 1975	
12.778	384.254	17 37	FEB 05, 1975	
12.812	384.208	17 39	FEB 05, 1975	
12.845	384.165	17 41	FEB 05, 1975	
12.879	384.139	17 43	FEB 05, 1975	
12.912	384.093	17 45	FEB 05, 1975	
12.946	384.058	17 47	FEB 05, 1975	
12.979	384.013	17 49	FEB 05, 1975	
13.013	383.978	17 51	FEB 05, 1975	
13.046	383.932	17 53	FEB 05, 1975	
13.080	383.886	17 55	FEB 05, 1975	
13.113	383.875	17 57	FEB 05, 1975	
13.147	383.840	17 59	FEB 05, 1975	
13.180	383.783	18 01	FEB 05, 1975	
13.214	383.750	18 03	FEB 05, 1975	
13.248	383.703	18 05	FEB 05, 1975	
13.281	383.668	18 07	FEB 05, 1975	
13.315	383.611	18 09	FEB 05, 1975	
13.348	383.565	18 11	FEB 05, 1975	
13.382	383.553	18 13	FEB 05, 1975	
13.415	383.507	18 15	FEB 05, 1975	
13.449	383.461	18 17	FEB 05, 1975	
13.482	383.439	18 19	FEB 05, 1975	
13.515	383.404	18 21	FEB 05, 1975	
13.549	383.361	18 23	FEB 05, 1975	
13.583	383.335	18 25	FEB 05, 1975	
13.616	383.289	18 27	FEB 05, 1975	
13.650	383.266	18 29	FEB 05, 1975	
13.684	383.243	18 31	FEB 05, 1975	
13.717	383.186	18 33	FEB 05, 1975	
13.751	383.152	18 35	FEB 05, 1975	
13.784	383.140	18 37	FEB 05, 1975	
13.818	383.117	18 39	FEB 05, 1975	



JOB NUMBER  
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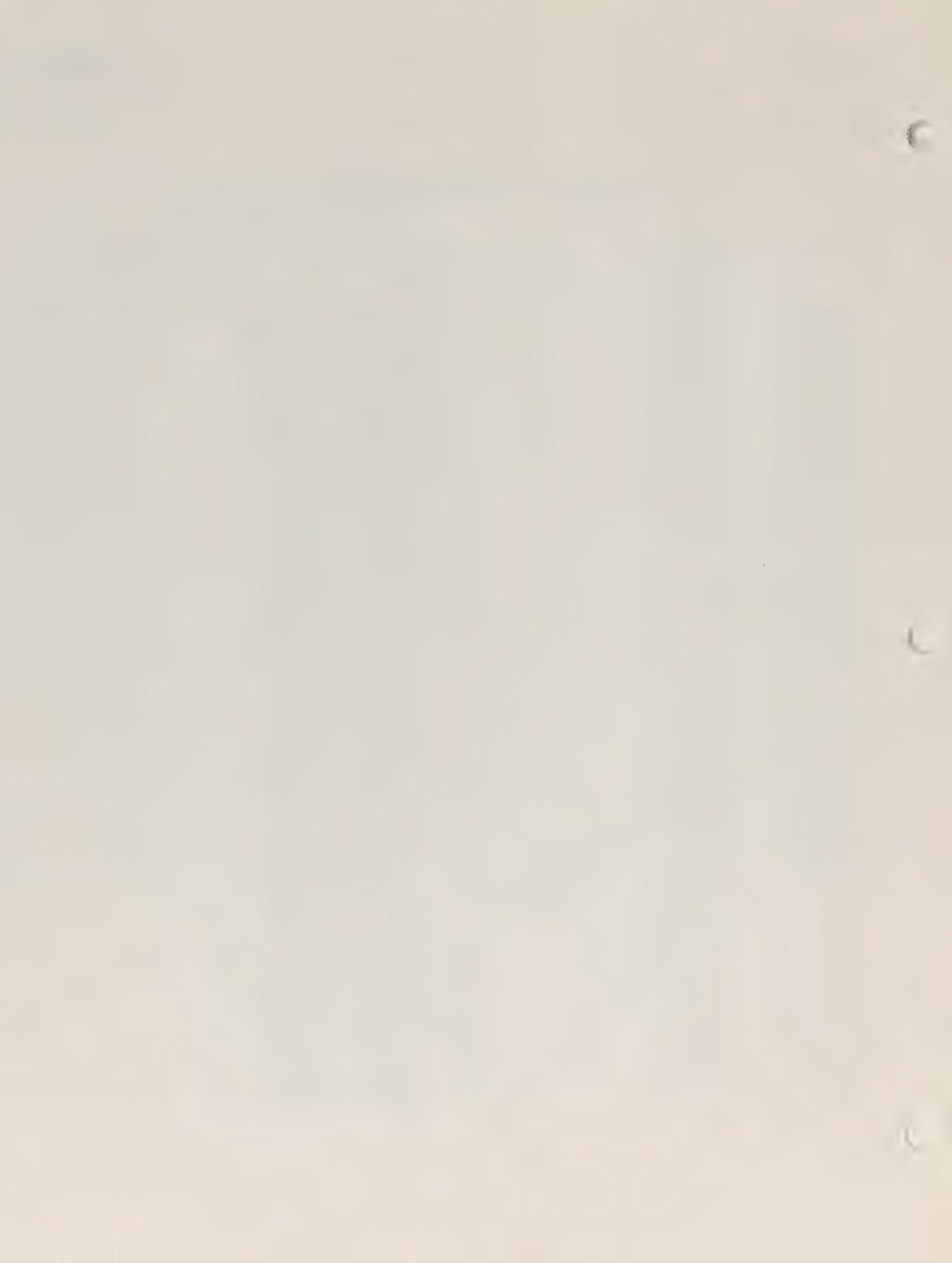
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RHET NUMBER  
140 MPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
13.851	383.083	18 41	FEB 05, 1975	
13.885	383.048	18 43	FEB 05, 1975	
13.918	383.014	18 45	FEB 05, 1975	
13.952	382.991	18 47	FEB 05, 1975	
13.985	382.979	18 49	FEB 05, 1975	
14.019	382.968	18 51	FEB 05, 1975	
14.052	382.933	18 53	FEB 05, 1975	
14.085	382.922	18 55	FEB 05, 1975	
14.119	382.922	18 57	FEB 05, 1975	
14.153	382.876	18 59	FEB 05, 1975	
14.187	382.653	19 01	FEB 05, 1975	
14.220	382.842	19 03	FEB 05, 1975	
14.254	382.819	19 05	FEB 05, 1975	
14.287	382.796	19 07	FEB 05, 1975	
14.321	382.773	19 09	FEB 05, 1975	
14.354	382.750	19 11	FEB 05, 1975	
14.388	382.727	19 13	FEB 05, 1975	
14.421	382.692	19 15	FEB 05, 1975	
14.455	382.669	19 17	FEB 05, 1975	
14.488	382.669	19 19	FEB 05, 1975	
14.522	382.646	19 21	FEB 05, 1975	
14.555	382.601	19 23	FEB 05, 1975	
14.589	382.612	19 25	FEB 05, 1975	
14.623	382.589	19 27	FEB 05, 1975	
14.656	382.566	19 29	FEB 05, 1975	
14.689	382.543	19 31	FEB 05, 1975	
14.723	382.509	19 33	FEB 05, 1975	
14.757	382.509	19 35	FEB 05, 1975	
14.790	382.463	19 37	FEB 05, 1975	
14.824	382.440	19 39	FEB 05, 1975	
14.857	382.428	19 41	FEB 05, 1975	
14.891	382.405	19 43	FEB 05, 1975	
14.924	382.382	19 45	FEB 05, 1975	
14.958	382.359	19 47	FEB 05, 1975	
14.991	382.336	19 49	FEB 05, 1975	
15.025	382.359	19 52	FEB 05, 1975	
15.059	382.314	19 54	FEB 05, 1975	
15.092	382.255	19 56	FEB 05, 1975	
15.126	382.243	19 58	FEB 05, 1975	
15.159	382.233	20 00	FEB 05, 1975	



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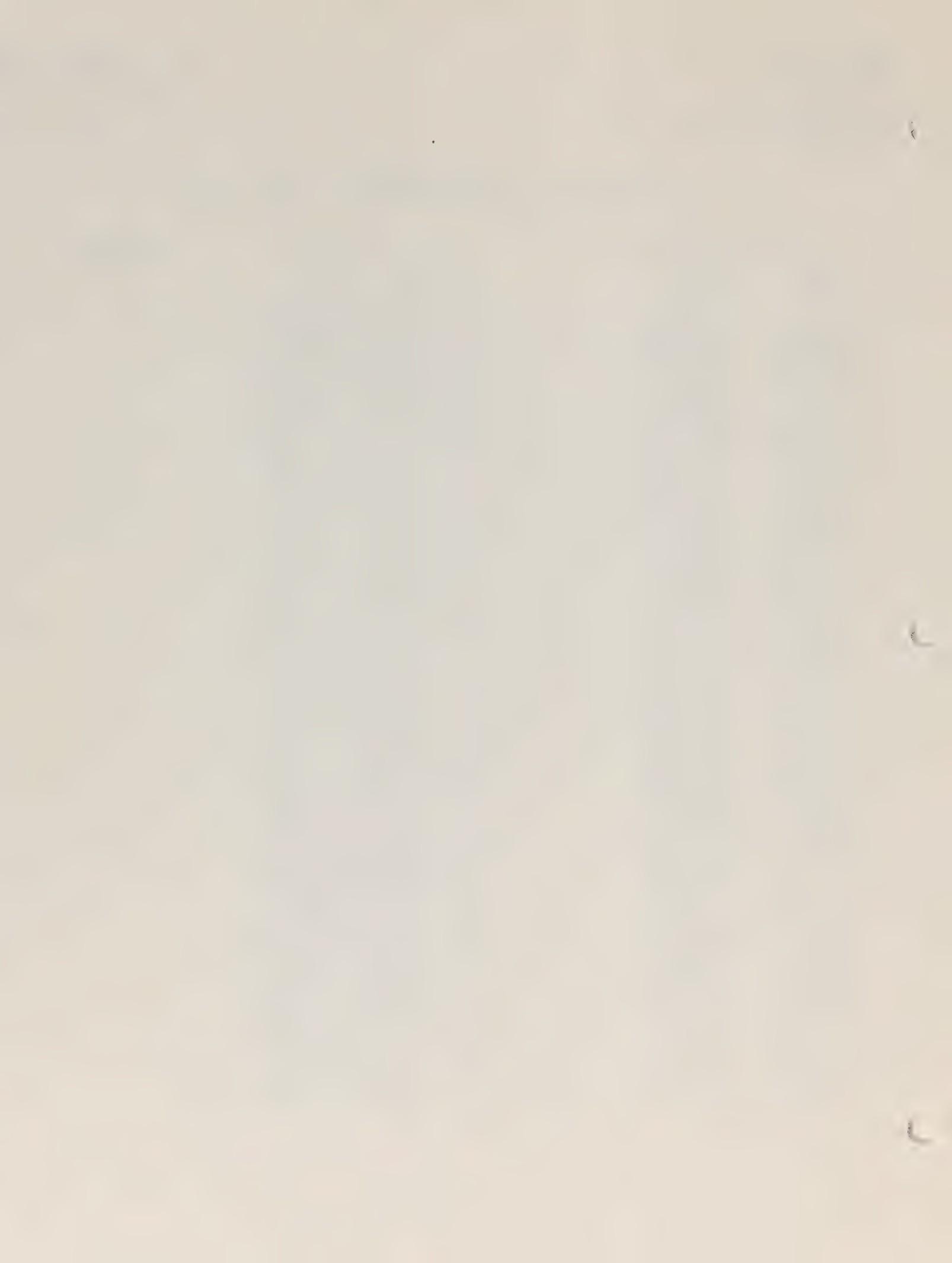
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
140 MPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
15.123	382.222	20 02	FEB 05, 1975	
15.226	382.210	20 04	FEB 05, 1975	
15.260	382.199	20 06	FEB 05, 1975	
15.293	382.187	20 08	FEB 05, 1975	
15.327	382.167	20 10	FEB 05, 1975	
15.360	382.153	20 12	FEB 05, 1975	
15.394	382.153	20 14	FEB 05, 1975	
15.427	382.164	20 16	FEB 05, 1975	
15.461	382.130	20 18	FEB 05, 1975	
15.495	382.107	20 20	FEB 05, 1975	
15.529	382.095	20 22	FEB 05, 1975	
15.562	382.095	20 24	FEB 05, 1975	
15.595	382.061	20 26	FEB 05, 1975	
15.629	382.038	20 28	FEB 05, 1975	
15.662	382.038	20 30	FEB 05, 1975	
15.696	382.027	20 32	FEB 05, 1975	
15.729	382.004	20 34	FEB 05, 1975	
15.763	381.981	20 36	FEB 05, 1975	
15.796	381.981	20 38	FEB 05, 1975	
15.830	381.959	20 40	FEB 05, 1975	
15.863	381.946	20 42	FEB 05, 1975	
15.897	381.946	20 44	FEB 05, 1975	
15.931	381.923	20 46	FEB 05, 1975	
15.964	381.923	20 48	FEB 05, 1975	
15.993	381.889	20 50	FEB 05, 1975	
16.031	381.877	20 52	FEB 05, 1975	
16.065	381.866	20 54	FEB 05, 1975	
16.090	381.854	20 56	FEB 05, 1975	
16.132	381.843	20 58	FEB 05, 1975	
16.165	381.839	21 00	FEB 05, 1975	
16.194	381.797	21 02	FEB 05, 1975	
16.232	381.808	21 04	FEB 05, 1975	
16.266	381.774	21 06	FEB 05, 1975	
16.294	381.763	21 08	FEB 05, 1975	
16.333	381.751	21 10	FEB 05, 1975	
16.367	381.740	21 12	FEB 05, 1975	
16.400	381.717	21 14	FEB 05, 1975	
16.434	381.705	21 16	FEB 05, 1975	
16.467	381.671	21 18	FEB 05, 1975	
16.501	381.671	21 20	FEB 05, 1975	



JOB NUMBER  
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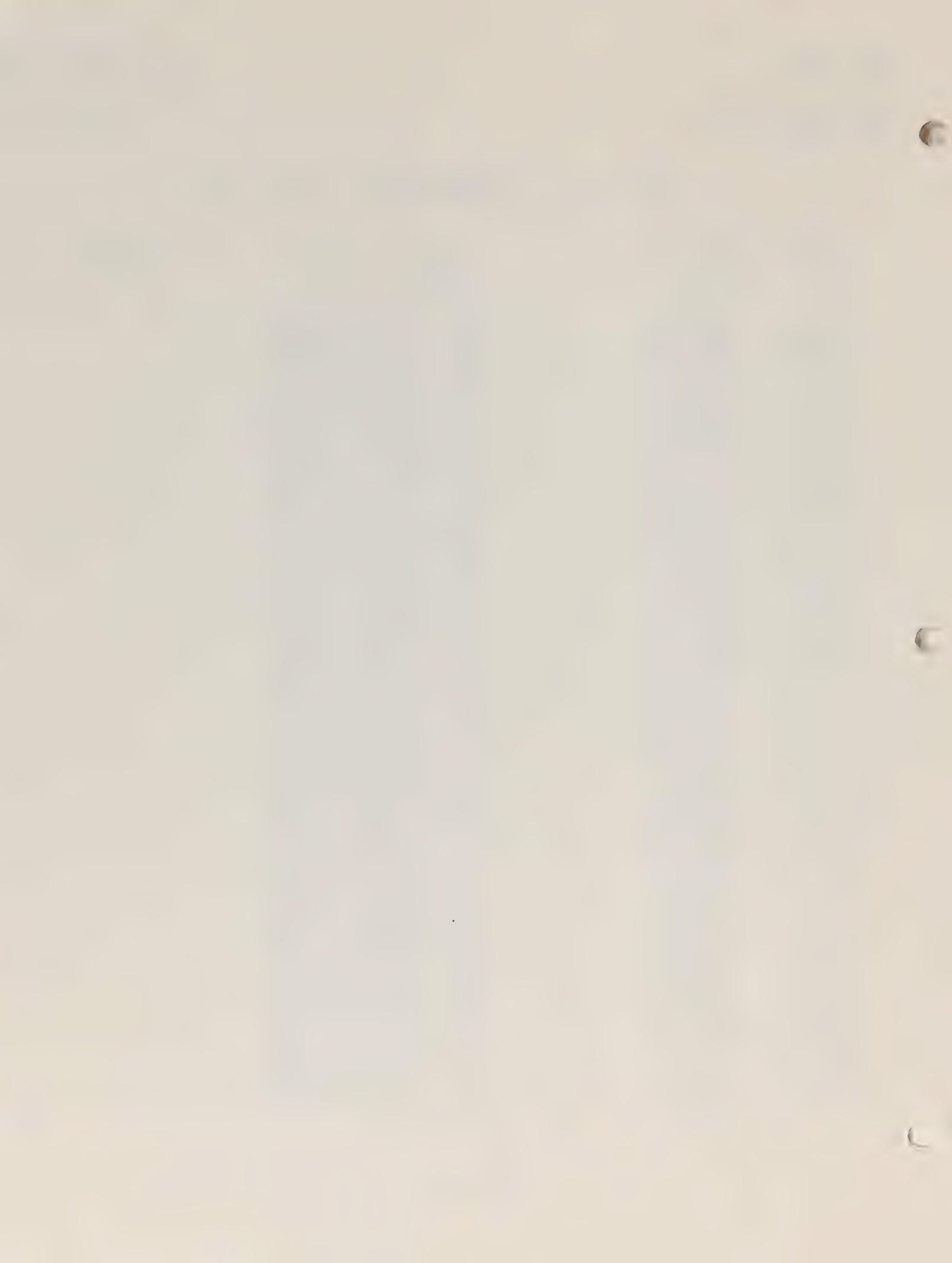
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
140 MPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
16.534	381.671	21 22	FEB 05, 1975	
16.563	381.671	21 24	FEB 05, 1975	
16.601	381.648	21 26	FEB 05, 1975	
16.635	381.659	21 28	FEB 05, 1975	
16.668	381.636	21 30	FEB 05, 1975	
16.702	381.613	21 32	FEB 05, 1975	
16.735	381.636	21 34	FEB 05, 1975	
16.769	381.636	21 36	FEB 05, 1975	
16.803	381.602	21 38	FEB 05, 1975	
16.836	381.590	21 40	FEB 05, 1975	
16.870	381.556	21 42	FEB 05, 1975	
16.903	381.567	21 44	FEB 05, 1975	
16.937	381.556	21 46	FEB 05, 1975	
16.970	381.533	21 48	FEB 05, 1975	
17.004	381.510	21 50	FEB 05, 1975	
17.037	381.510	21 52	FEB 05, 1975	
17.071	381.476	21 54	FEB 05, 1975	
17.104	381.464	21 56	FEB 05, 1975	
17.138	381.464	21 58	FEB 05, 1975	
17.171	381.464	22 00	FEB 05, 1975	
17.205	381.430	22 02	FEB 05, 1975	
17.239	381.430	22 04	FEB 05, 1975	
17.272	381.430	22 06	FEB 05, 1975	
17.306	381.407	22 08	FEB 05, 1975	
17.339	381.372	22 10	FEB 05, 1975	
17.373	381.372	22 12	FEB 05, 1975	
17.406	381.384	22 14	FEB 05, 1975	
17.440	381.372	22 16	FEB 05, 1975	
17.473	381.349	22 18	FEB 05, 1975	
17.507	381.349	22 20	FEB 05, 1975	
17.540	381.349	22 22	FEB 05, 1975	
17.574	381.326	22 24	FEB 05, 1975	
17.607	381.303	22 26	FEB 05, 1975	
17.641	381.303	22 28	FEB 05, 1975	
17.675	381.315	22 30	FEB 05, 1975	
17.708	381.292	22 32	FEB 05, 1975	
17.742	381.257	22 34	FEB 05, 1975	
17.775	381.257	22 37	FEB 05, 1975	
17.809	381.246	22 39	FEB 05, 1975	
17.842	381.246	22 41	FEB 05, 1975	



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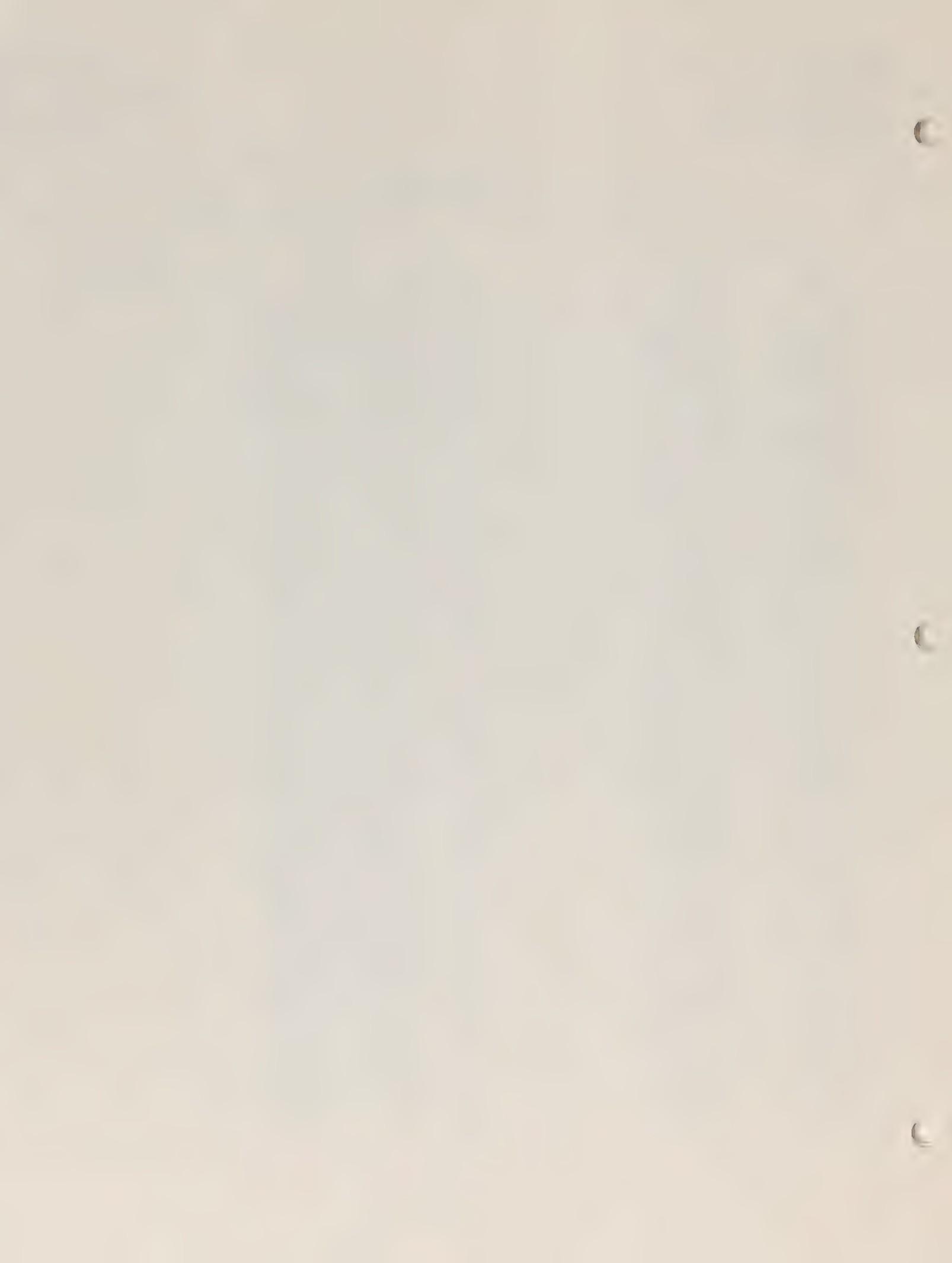
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
140 MPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
17.876	381.223	22 43	FEB 05, 1975	
17.909	381.223	22 45	FEB 05, 1975	
17.943	381.223	22 47	FEB 05, 1975	
17.976	381.200	22 49	FEB 05, 1975	
18.010	381.166	22 51	FEB 05, 1975	
18.043	381.177	22 53	FEB 05, 1975	
18.077	381.166	22 55	FEB 05, 1975	
18.111	381.154	22 57	FEB 05, 1975	
18.144	381.108	22 59	FEB 05, 1975	
18.178	381.108	23 01	FEB 05, 1975	
18.211	381.108	23 03	FEB 05, 1975	
18.245	381.085	23 05	FEB 05, 1975	
18.278	381.062	23 07	FEB 05, 1975	
18.312	381.062	23 09	FEB 05, 1975	
18.345	381.062	23 11	FEB 05, 1975	
18.379	381.039	23 13	FEB 05, 1975	
18.412	381.028	23 15	FEB 05, 1975	
18.446	381.016	23 17	FEB 05, 1975	
18.479	381.028	23 19	FEB 05, 1975	
18.513	381.028	23 21	FEB 05, 1975	
18.547	381.016	23 23	FEB 05, 1975	
18.580	381.005	23 25	FEB 05, 1975	
18.614	381.016	23 27	FEB 05, 1975	
18.647	381.005	23 29	FEB 05, 1975	
18.681	380.982	23 31	FEB 05, 1975	
18.714	380.993	23 33	FEB 05, 1975	
18.748	380.993	23 35	FEB 05, 1975	
18.781	380.993	23 37	FEB 05, 1975	
18.815	380.936	23 39	FEB 05, 1975	
18.848	380.947	23 41	FEB 05, 1975	
18.882	380.936	23 43	FEB 05, 1975	
18.915	380.902	23 45	FEB 05, 1975	
18.949	380.890	23 47	FEB 05, 1975	
18.983	380.857	23 49	FEB 05, 1975	
19.016	380.879	23 51	FEB 05, 1975	
19.050	380.856	23 53	FEB 05, 1975	
19.083	380.833	23 55	FEB 05, 1975	
19.117	380.833	23 57	FEB 05, 1975	
19.150	380.856	23 59	FEB 05, 1975	
19.184	380.856	00 01	FEB 06, 1975	



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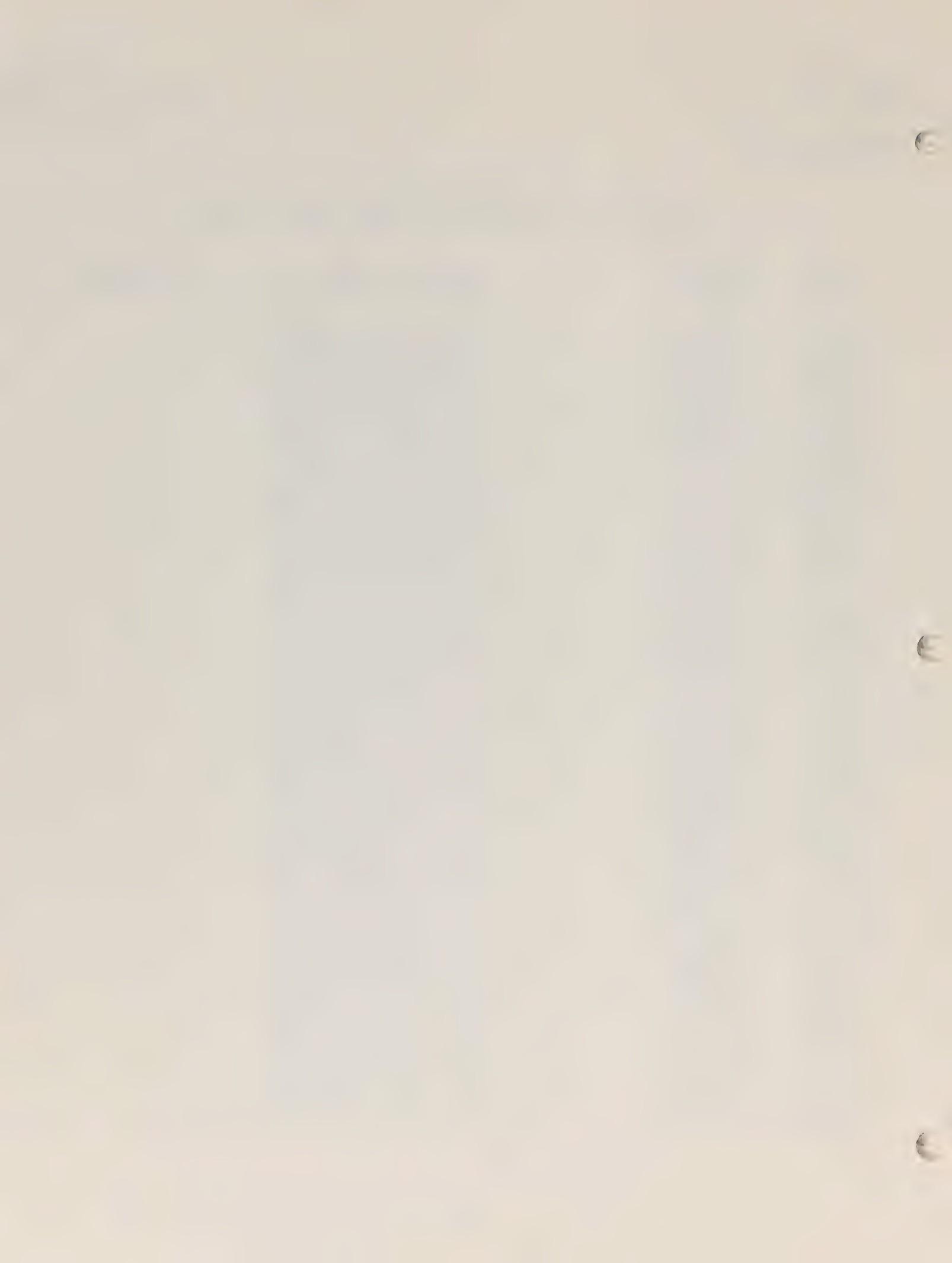
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/PIN NUMBER  
140 MPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
19.217	380.844	00 03	FEB 06, 1975	
19.251	380.844	00 05	FEB 06, 1975	
19.284	380.844	00 07	FEB 06, 1975	
19.316	380.821	00 09	FEB 06, 1975	
19.351	380.798	00 11	FEB 06, 1975	
19.385	380.798	00 13	FEB 06, 1975	
19.419	380.798	00 15	FEB 06, 1975	
19.452	380.793	00 17	FEB 06, 1975	
19.486	380.787	00 19	FEB 06, 1975	
19.519	380.787	00 21	FEB 06, 1975	
19.553	380.798	00 23	FEB 06, 1975	
19.586	380.752	00 25	FEB 06, 1975	
19.620	380.752	00 27	FEB 06, 1975	
19.653	380.752	00 29	FEB 06, 1975	
19.687	380.764	00 31	FEB 06, 1975	
19.720	380.764	00 33	FEB 06, 1975	
19.754	380.741	00 35	FEB 06, 1975	
19.787	380.741	00 37	FEB 06, 1975	
19.821	380.764	00 39	FEB 06, 1975	
19.854	380.752	00 41	FEB 06, 1975	
19.888	380.741	00 43	FEB 06, 1975	
19.922	380.741	00 45	FEB 06, 1975	
19.955	380.741	00 47	FEB 06, 1975	
19.989	380.741	00 49	FEB 06, 1975	
20.022	380.718	00 51	FEB 06, 1975	
20.056	380.729	00 53	FEB 06, 1975	
20.089	380.741	00 55	FEB 06, 1975	
20.123	380.718	00 57	FEB 06, 1975	
20.156	380.695	00 59	FEB 06, 1975	
20.190	380.695	01 01	FEB 06, 1975	
20.223	380.675	01 03	FEB 06, 1975	
20.257	380.683	01 05	FEB 06, 1975	
20.291	380.672	01 07	FEB 06, 1975	
20.324	380.683	01 09	FEB 06, 1975	
20.358	380.649	01 11	FEB 06, 1975	
20.391	380.660	01 13	FEB 06, 1975	
20.425	380.637	01 15	FEB 06, 1975	
20.458	380.637	01 17	FEB 06, 1975	
20.492	380.649	01 20	FEB 06, 1975	
20.525	380.626	01 22	FEB 06, 1975	



JOB NUMBER  
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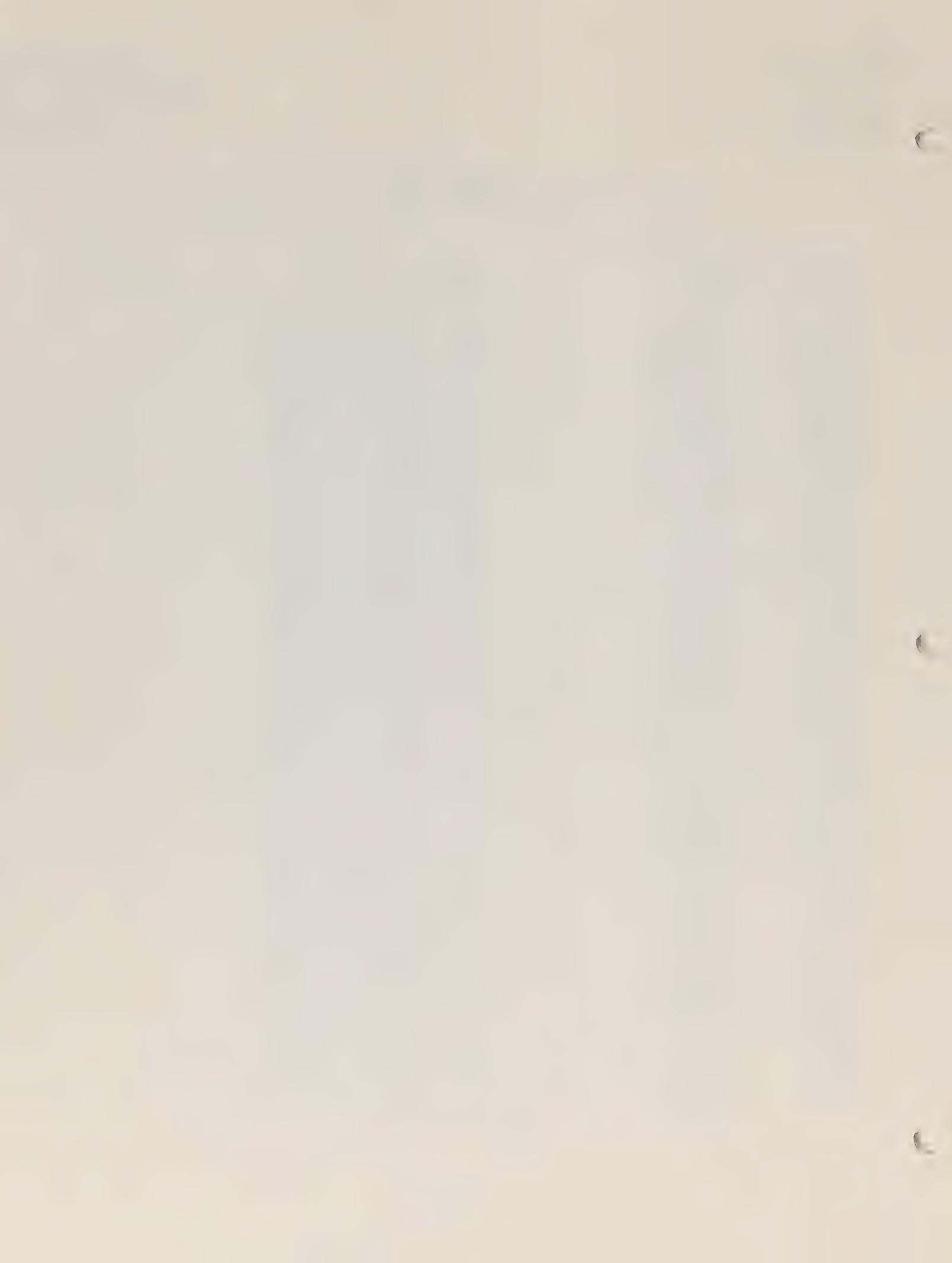
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
140 MPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
20.559	380.626	01 24	FEB 06, 1975	
20.592	380.603	01 26	FEB 06, 1975	
20.626	380.615	01 28	FEB 06, 1975	
20.659	380.603	01 30	FEB 06, 1975	
20.693	380.592	01 32	FEB 06, 1975	
20.726	380.592	01 34	FEB 06, 1975	
20.760	380.592	01 36	FEB 06, 1975	
20.794	380.592	01 38	FEB 06, 1975	
20.827	380.592	01 40	FEB 06, 1975	
20.861	380.569	01 42	FEB 06, 1975	
20.894	380.580	01 44	FEB 06, 1975	
20.924	380.580	01 46	FEB 06, 1975	
20.961	380.569	01 48	FEB 06, 1975	
20.995	380.569	01 50	FEB 06, 1975	
21.024	380.569	01 52	FEB 06, 1975	
21.062	380.557	01 54	FEB 06, 1975	
21.095	380.534	01 56	FEB 06, 1975	
21.129	380.546	01 58	FEB 06, 1975	
21.162	380.546	02 00	FEB 06, 1975	
21.196	380.557	02 02	FEB 06, 1975	
21.230	380.534	02 04	FEB 06, 1975	
21.263	380.511	02 06	FEB 06, 1975	
21.297	380.511	02 08	FEB 06, 1975	
21.330	380.523	02 10	FEB 06, 1975	
21.364	380.500	02 12	FEB 06, 1975	
21.397	380.500	02 14	FEB 06, 1975	
21.431	380.511	02 16	FEB 06, 1975	
21.464	380.500	02 18	FEB 06, 1975	
21.497	380.477	02 20	FEB 06, 1975	
21.531	380.477	02 22	FEB 06, 1975	
21.564	380.465	02 24	FEB 06, 1975	
21.597	380.465	02 26	FEB 06, 1975	
21.630	380.454	02 28	FEB 06, 1975	
21.663	380.414	02 30	FEB 06, 1975	
21.696	380.431	02 32	FEB 06, 1975	
21.733	380.431	02 34	FEB 06, 1975	
21.766	380.408	02 36	FEB 06, 1975	
21.800	380.408	02 38	FEB 06, 1975	
21.833	380.431	02 40	FEB 06, 1975	
21.867	380.431	02 42	FEB 06, 1975	



JOB NUMBER  
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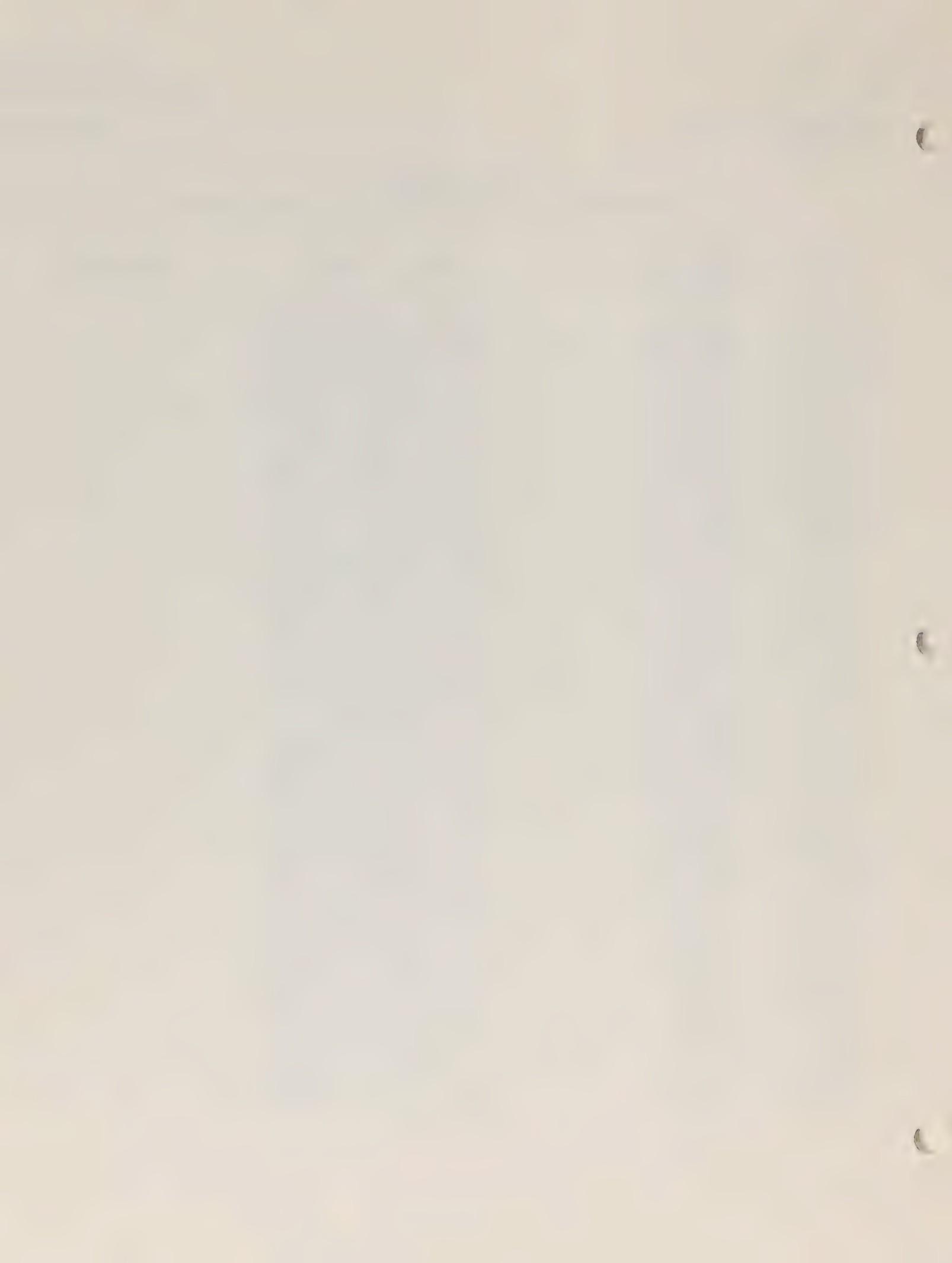
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
140 MPT-10

DATE OF RUN

SPERRY-SUM  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME	DATE	COMMENTS
		HR MIN		
21.900	380.396	02 44	FEB 06, 1975	
21.934	380.408	02 46	FEB 06, 1975	
21.967	380.408	02 48	FEB 06, 1975	
22.001	380.396	02 50	FEB 06, 1975	
22.034	380.362	02 52	FEB 06, 1975	
22.068	380.373	02 54	FEB 06, 1975	
22.102	380.385	02 56	FEB 06, 1975	
22.135	380.373	02 58	FEB 06, 1975	
22.169	380.362	03 00	FEB 06, 1975	
22.202	380.362	03 02	FEB 06, 1975	
22.236	380.362	03 04	FEB 06, 1975	
22.269	380.362	03 06	FEB 06, 1975	
22.303	380.316	03 08	FEB 06, 1975	
22.336	380.328	03 10	FEB 06, 1975	
22.370	380.328	03 12	FEB 06, 1975	
22.403	380.328	03 14	FEB 06, 1975	
22.437	380.328	03 16	FEB 06, 1975	
22.470	380.328	03 18	FEB 06, 1975	
22.504	380.328	03 20	FEB 06, 1975	
22.538	380.328	03 22	FEB 06, 1975	
22.571	380.305	03 24	FEB 06, 1975	
22.605	380.305	03 26	FEB 06, 1975	
22.638	380.305	03 26	FEB 06, 1975	
22.672	380.305	03 30	FEB 06, 1975	
22.705	380.282	03 32	FEB 06, 1975	
22.739	380.293	03 34	FEB 06, 1975	
22.772	380.293	03 36	FEB 06, 1975	
22.806	380.293	03 38	FEB 06, 1975	
22.839	380.270	03 40	FEB 06, 1975	
22.873	380.259	03 42	FEB 06, 1975	
22.906	380.262	03 44	FEB 06, 1975	
22.940	380.259	03 46	FEB 06, 1975	
22.974	380.259	03 48	FEB 06, 1975	
23.007	380.259	03 50	FEB 06, 1975	
23.041	380.259	03 52	FEB 06, 1975	
23.074	380.247	03 54	FEB 06, 1975	
23.107	380.213	03 56	FEB 06, 1975	
23.141	380.213	03 58	FEB 06, 1975	
23.175	380.224	04 00	FEB 06, 1975	
23.208	380.236	04 02	FEB 06, 1975	



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FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
140 MPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
23.242	380.201	04 05	FEB 06, 1975	
23.275	380.190	04 07	FEB 06, 1975	
23.309	380.213	04 09	FEB 06, 1975	
23.342	380.236	04 11	FEB 06, 1975	
23.376	380.201	04 13	FEB 06, 1975	
23.410	380.224	04 15	FEB 06, 1975	
23.443	380.201	04 17	FEB 06, 1975	
23.477	380.201	04 19	FEB 06, 1975	
23.510	380.190	04 21	FEB 06, 1975	
23.544	380.201	04 23	FEB 06, 1975	
23.577	380.224	04 25	FEB 06, 1975	
23.611	380.201	04 27	FEB 06, 1975	
23.644	380.190	04 29	FEB 06, 1975	
23.678	380.178	04 31	FEB 06, 1975	
23.711	380.201	04 33	FEB 06, 1975	
23.745	380.190	04 35	FEB 06, 1975	
23.779	380.178	04 37	FEB 06, 1975	
23.812	380.167	04 39	FEB 06, 1975	
23.846	380.173	04 41	FEB 06, 1975	
23.879	380.176	04 43	FEB 06, 1975	
23.913	380.178	04 45	FEB 06, 1975	
23.946	380.167	04 47	FEB 06, 1975	
23.980	380.190	04 49	FEB 06, 1975	
24.013	380.167	04 51	FEB 06, 1975	
24.047	380.167	04 53	FEB 06, 1975	
24.080	380.155	04 55	FEB 06, 1975	
24.114	380.167	04 57	FEB 06, 1975	
24.147	380.167	04 59	FEB 06, 1975	
24.181	380.155	05 01	FEB 06, 1975	
24.214	380.155	05 03	FEB 06, 1975	
24.248	380.167	05 05	FEB 06, 1975	
24.282	380.167	05 07	FEB 06, 1975	
24.315	380.132	05 09	FEB 06, 1975	
24.349	380.144	05 11	FEB 06, 1975	
24.382	380.144	05 13	FEB 06, 1975	
24.416	380.155	05 15	FEB 06, 1975	
24.449	380.121	05 17	FEB 06, 1975	
24.483	380.121	05 19	FEB 06, 1975	
24.516	380.132	05 21	FEB 06, 1975	
24.550	380.132	05 23	FEB 06, 1975	

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JOB NUMBER  
SPG-11226-9

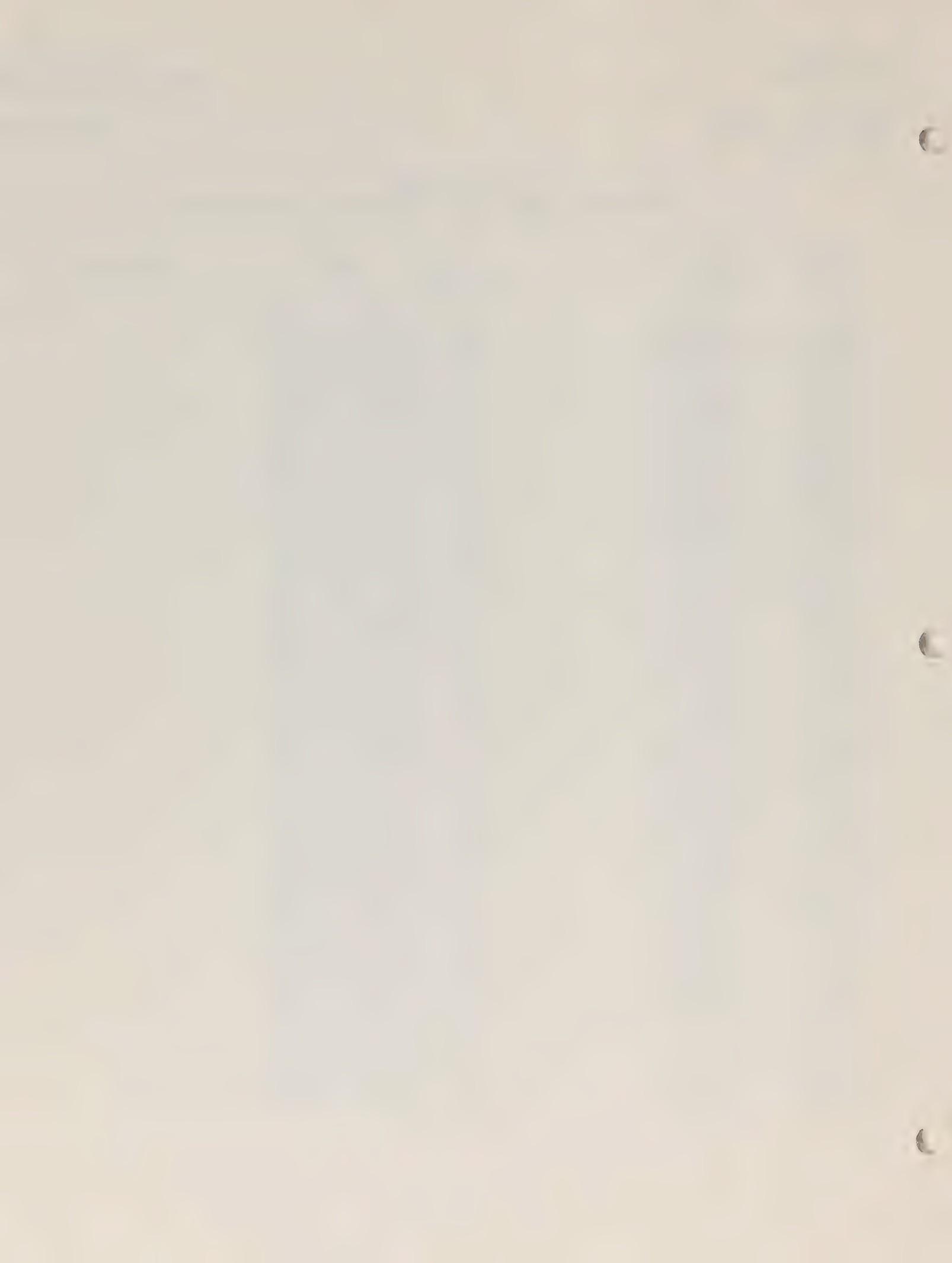
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
140 MPT-10

DATE OF RUN

SPEPRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
24.583	380.121	05 25	FEB 06, 1975	
24.617	380.121	05 27	FEB 06, 1975	
24.650	380.132	05 29	FEB 06, 1975	
24.684	380.144	05 31	FEB 06, 1975	
24.716	380.132	05 33	FEB 06, 1975	
24.751	380.132	05 35	FEB 06, 1975	
24.785	380.132	05 37	FEB 06, 1975	
24.815	380.144	05 39	FEB 06, 1975	
24.852	380.132	05 41	FEB 06, 1975	
24.885	380.132	05 43	FEB 06, 1975	
24.912	380.132	05 45	FEB 06, 1975	
24.952	380.109	05 47	FEB 06, 1975	
24.984	380.109	05 49	FEB 06, 1975	
25.010	380.121	05 51	FEB 06, 1975	
25.053	380.121	05 53	FEB 06, 1975	
25.086	380.121	05 55	FEB 06, 1975	
25.120	380.132	05 57	FEB 06, 1975	
25.154	380.121	05 59	FEB 06, 1975	
25.187	380.132	06 01	FEB 06, 1975	
25.221	380.132	06 03	FEB 06, 1975	
25.254	380.109	06 05	FEB 06, 1975	
25.288	380.109	06 07	FEB 06, 1975	
25.321	380.086	06 09	FEB 06, 1975	
25.355	380.066	06 11	FEB 06, 1975	
25.388	380.086	06 13	FEB 06, 1975	
25.422	380.086	06 15	FEB 06, 1975	
25.455	380.066	06 17	FEB 06, 1975	
25.489	380.064	06 19	FEB 06, 1975	
25.522	380.062	06 21	FEB 06, 1975	
25.555	380.064	06 23	FEB 06, 1975	
25.584	380.075	06 25	FEB 06, 1975	
25.623	380.075	06 27	FEB 06, 1975	
25.657	380.052	06 29	FEB 06, 1975	
25.690	380.052	06 31	FEB 06, 1975	
25.724	380.064	06 33	FEB 06, 1975	
25.757	380.064	06 35	FEB 06, 1975	
25.791	380.041	06 37	FEB 06, 1975	
25.824	380.029	06 39	FEB 06, 1975	
25.858	380.041	06 41	FEB 06, 1975	
25.891	380.052	06 43	FEB 06, 1975	



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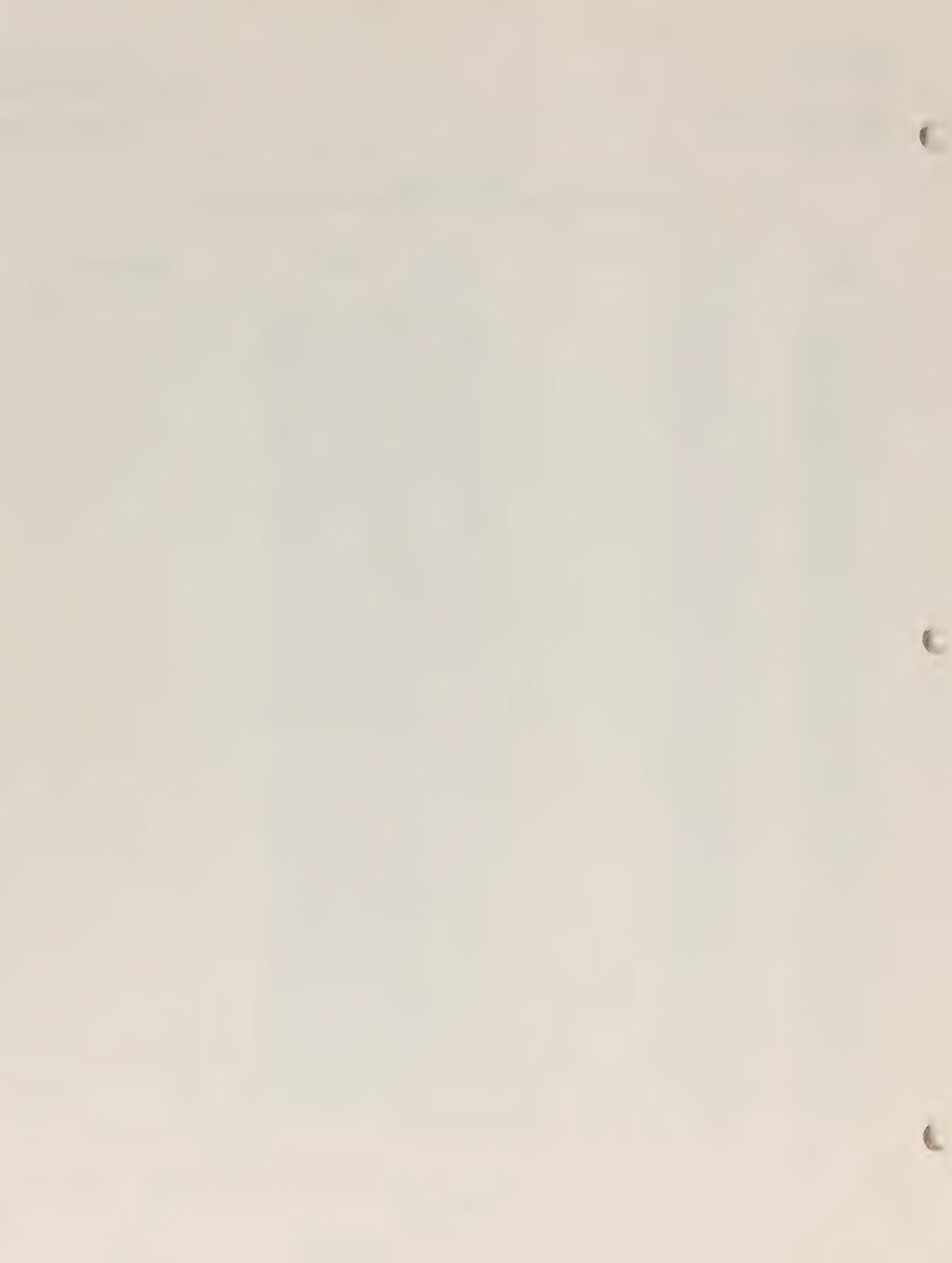
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
140 MPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PST)	TIME HR MIN	DATE	COMMENTS
25.925	380.041	06 45	FEB 06, 1975	
25.954	380.041	06 48	FEB 06, 1975	
25.992	380.041	06 50	FEB 06, 1975	
26.025	380.029	06 52	FEB 06, 1975	
26.059	380.006	06 54	FEB 06, 1975	
26.093	380.018	06 56	FEB 06, 1975	
26.126	380.018	06 58	FEB 06, 1975	
26.160	380.018	07 00	FEB 06, 1975	
26.193	379.995	07 02	FEB 06, 1975	
26.227	380.018	07 04	FEB 06, 1975	
26.260	380.018	07 06	FEB 06, 1975	
26.294	379.995	07 08	FEB 06, 1975	
26.327	379.983	07 10	FEB 06, 1975	
26.361	379.983	07 12	FEB 06, 1975	
26.394	379.983	07 14	FEB 06, 1975	
26.428	379.983	07 16	FEB 06, 1975	
26.461	379.972	07 18	FEB 06, 1975	
26.495	379.983	07 20	FEB 06, 1975	
26.524	379.972	07 22	FEB 06, 1975	
26.562	379.995	07 24	FEB 06, 1975	
26.596	379.972	07 26	FEB 06, 1975	
26.629	379.983	07 28	FEB 06, 1975	
26.663	379.972	07 30	FEB 06, 1975	
26.696	379.972	07 32	FEB 06, 1975	
26.730	379.960	07 34	FEB 06, 1975	
26.763	379.972	07 36	FEB 06, 1975	
26.797	379.972	07 38	FEB 06, 1975	
26.830	379.983	07 40	FEB 06, 1975	
26.864	379.949	07 42	FEB 06, 1975	
26.897	379.949	07 44	FEB 06, 1975	
26.931	379.960	07 46	FEB 06, 1975	
26.965	379.960	07 48	FEB 06, 1975	
26.991	379.937	07 50	FEB 06, 1975	
27.032	379.972	07 52	FEB 06, 1975	
27.065	379.972	07 54	FEB 06, 1975	
27.099	379.960	07 56	FEB 06, 1975	
27.132	379.949	07 58	FEB 06, 1975	
27.166	379.960	08 00	FEB 06, 1975	
27.199	379.950	08 02	FEB 06, 1975	
27.233	379.960	08 04	FEB 06, 1975	



JOB NUMBER  
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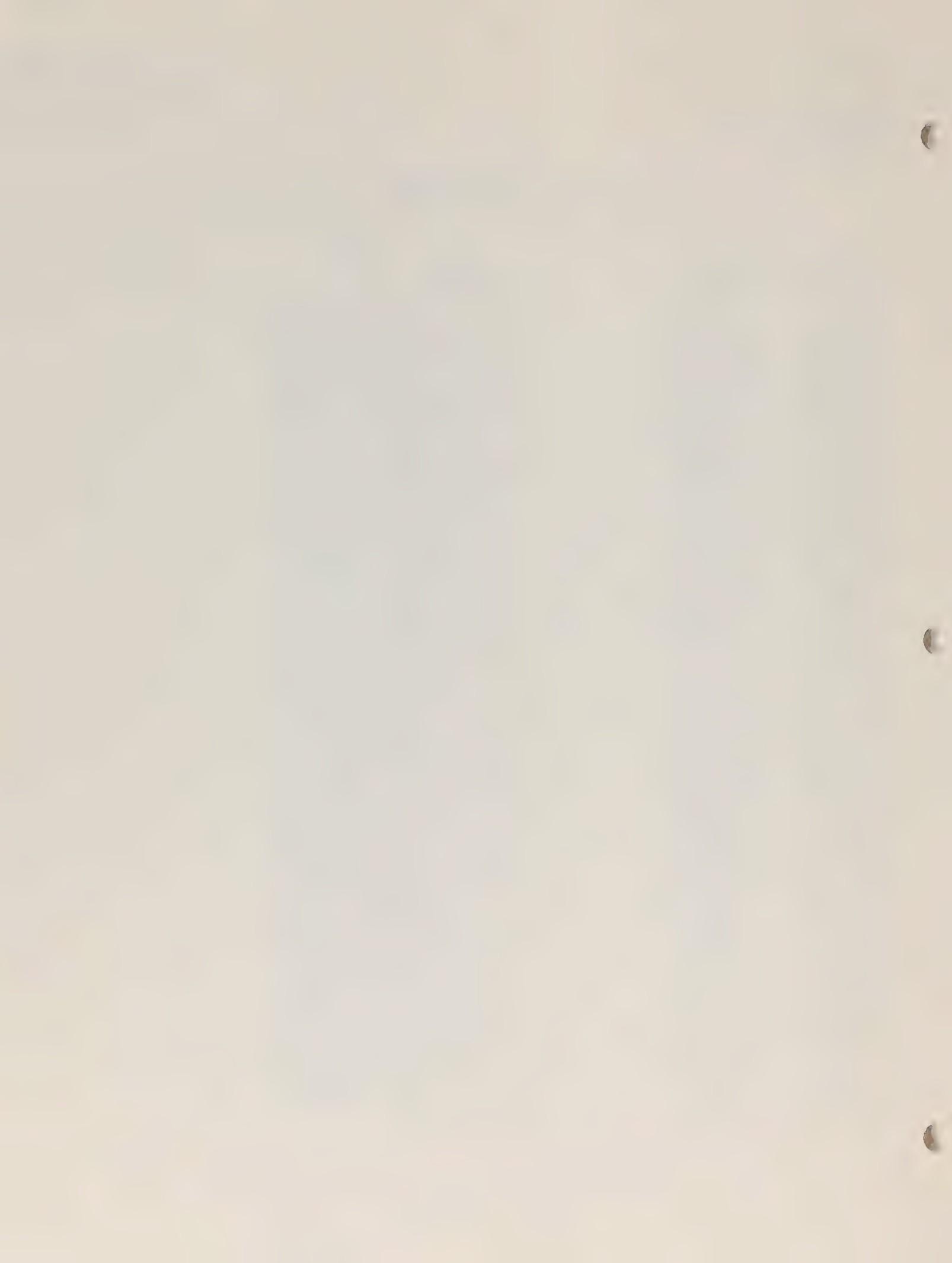
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
140 MPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
27.266	379.949	08 06	FEB 06, 1975	
27.300	379.937	08 08	FEB 06, 1975	
27.333	379.949	08 10	FEB 06, 1975	
27.367	379.937	08 12	FEB 06, 1975	
27.401	379.949	08 14	FEB 06, 1975	
27.434	379.926	08 15	FEB 06, 1975	
27.468	379.937	08 18	FEB 06, 1975	
27.501	379.937	08 20	FEB 06, 1975	
27.535	379.914	08 22	FEB 06, 1975	
27.568	379.926	08 24	FEB 06, 1975	
27.602	379.926	09 26	FEB 06, 1975	
27.635	379.914	08 28	FEB 06, 1975	
27.667	379.891	08 30	FEB 06, 1975	
27.702	379.903	08 32	FEB 06, 1975	
27.735	379.903	08 34	FEB 06, 1975	
27.769	379.926	08 35	FEB 06, 1975	
27.803	379.891	09 34	FEB 06, 1975	
27.837	379.863	08 40	FEB 06, 1975	
27.870	379.880	09 42	FEB 06, 1975	
27.904	379.880	09 44	FEB 06, 1975	
27.937	379.880	09 46	FEB 06, 1975	
27.971	379.857	08 48	FEB 06, 1975	
28.004	379.880	08 50	FEB 06, 1975	
28.036	379.891	08 52	FEB 06, 1975	
28.071	379.868	09 54	FEB 06, 1975	
28.105	379.868	08 56	FEB 06, 1975	
28.138	379.880	08 58	FEB 06, 1975	
28.172	379.868	09 00	FEB 06, 1975	
28.205	379.834	09 02	FEB 06, 1975	
28.239	379.834	09 04	FEB 06, 1975	
28.273	379.845	09 06	FEB 06, 1975	
28.306	379.857	09 08	FEB 06, 1975	
28.340	379.857	09 10	FEB 06, 1975	
28.373	379.834	09 12	FEB 06, 1975	
28.407	379.845	09 14	FEB 06, 1975	
28.440	379.845	09 16	FEB 06, 1975	
28.474	379.845	09 18	FEB 06, 1975	
28.507	379.834	09 20	FEB 06, 1975	
28.541	379.863	09 22	FEB 06, 1975	
28.574	379.858	09 24	FEB 06, 1975	



JOB NUMBER  
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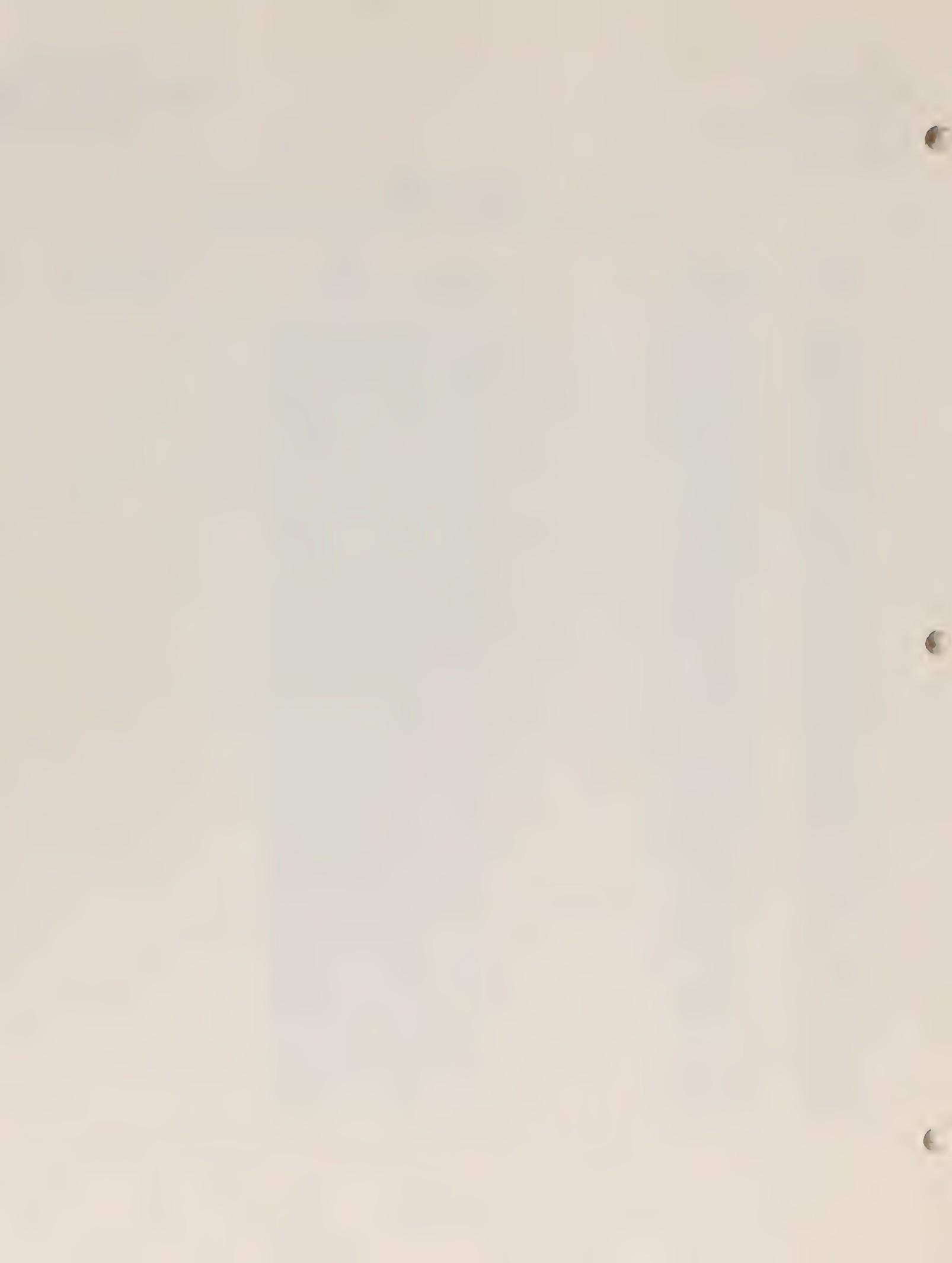
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
140 MPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME	DATE	COMMENTS
		HR MIN		
28.608	379.834	09	26 FEB 06, 1975	
28.641	379.845	09	28 FEB 06, 1975	
28.675	379.868	09	30 FEB 06, 1975	
28.709	379.868	09	33 FEB 06, 1975	
28.742	379.868	09	35 FEB 06, 1975	
28.776	379.857	09	37 FEB 06, 1975	
28.809	379.868	09	39 FEB 06, 1975	
28.843	379.845	09	41 FEB 06, 1975	
28.876	379.834	09	43 FEB 06, 1975	
28.910	379.845	09	45 FEB 06, 1975	
28.943	379.857	09	47 FEB 06, 1975	
28.977	379.857	09	49 FEB 06, 1975	.
29.010	379.857	09	51 FEB 06, 1975	
29.044	379.834	09	53 FEB 06, 1975	
29.077	379.857	09	55 FEB 06, 1975	
29.111	379.857	09	57 FEB 06, 1975	
29.145	379.857	09	59 FEB 06, 1975	
29.178	379.834	10	01 FEB 06, 1975	
29.212	379.857	10	03 FEB 06, 1975	
29.245	379.857	10	05 FEB 06, 1975	
29.279	379.857	10	07 FEB 06, 1975	
29.312	379.834	10	09 FEB 06, 1975	
29.346	379.845	10	11 FEB 06, 1975	
29.379	379.845	10	13 FEB 06, 1975	
29.413	379.845	10	15 FEB 06, 1975	
29.446	379.834	10	17 FEB 06, 1975	
29.480	379.857	10	19 FEB 06, 1975	
29.513	379.860	10	21 FEB 06, 1975	
29.547	379.868	10	23 FEB 06, 1975	
29.581	379.868	10	25 FEB 06, 1975	
29.614	379.868	10	27 FEB 06, 1975	
29.648	379.857	10	29 FEB 06, 1975	
29.681	379.845	10	31 FEB 06, 1975	
29.715	379.857	10	33 FEB 06, 1975	
29.748	379.857	10	35 FEB 06, 1975	
29.782	379.845	10	37 FEB 06, 1975	
29.815	379.822	10	39 FEB 06, 1975	
29.849	379.822	10	41 FEB 06, 1975	
29.882	379.822	10	43 FEB 06, 1975	
29.916	379.822	10	45 FEB 06, 1975	



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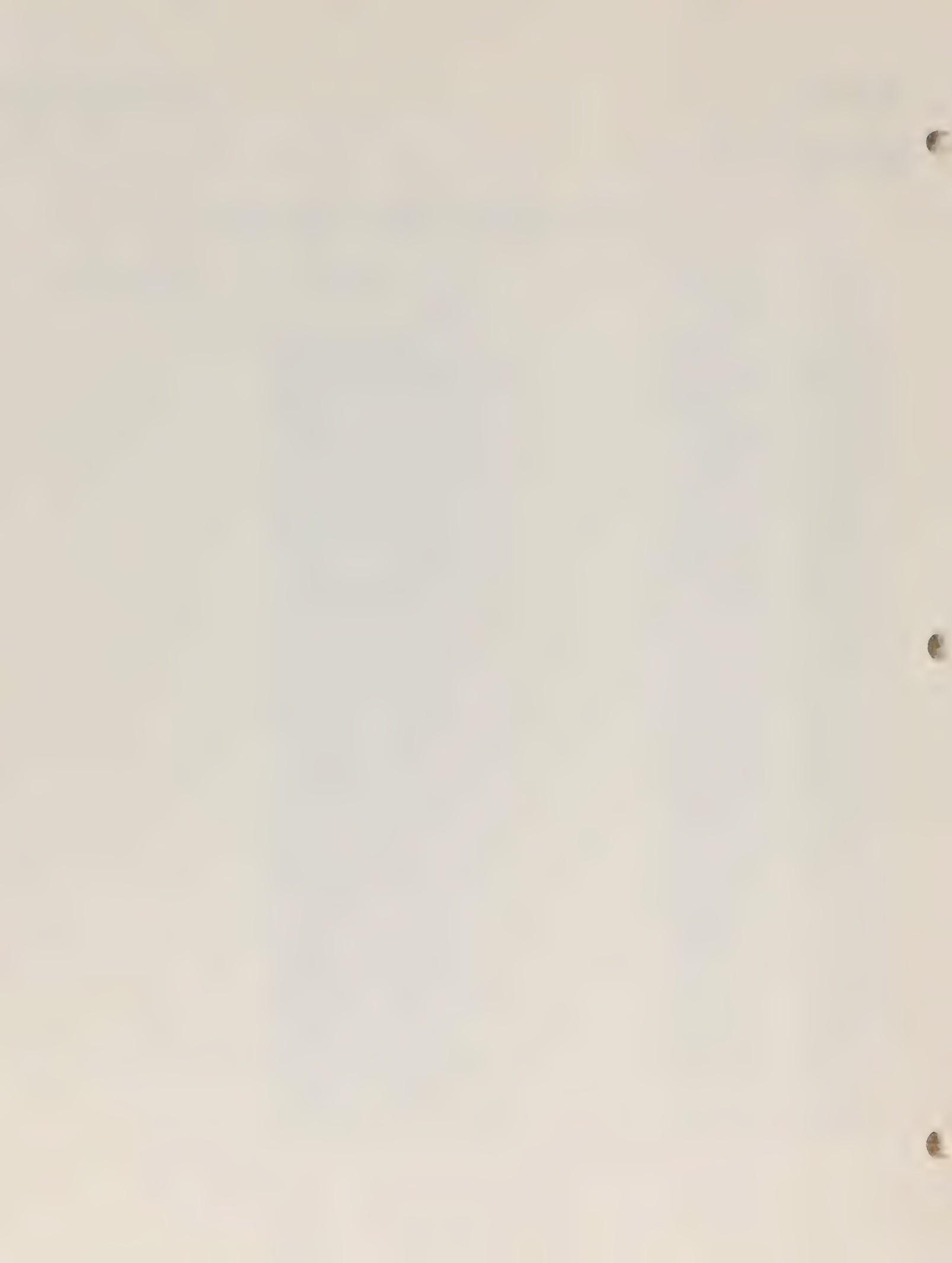
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
140 MPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
29.949	379.834	10 47	FEB 06, 1975	
29.983	379.811	10 49	FEB 06, 1975	
30.017	379.822	10 51	FEB 06, 1975	
30.050	379.822	10 53	FEB 06, 1975	
30.084	379.788	10 55	FEB 06, 1975	
30.117	379.788	10 57	FEB 06, 1975	
30.151	379.799	10 59	FEB 06, 1975	
30.184	379.799	11 01	FEB 06, 1975	
30.218	379.799	11 03	FEB 06, 1975	
30.251	379.777	11 05	FEB 06, 1975	
30.285	379.777	11 07	FEB 06, 1975	
30.318	379.765	11 09	FEB 06, 1975	
30.352	379.754	11 11	FEB 06, 1975	
30.385	379.742	11 13	FEB 06, 1975	
30.419	379.755	11 15	FEB 06, 1975	
30.453	379.777	11 17	FEB 06, 1975	
30.486	379.765	11 19	FEB 06, 1975	
30.520	379.765	11 21	FEB 06, 1975	
30.553	379.754	11 23	FEB 06, 1975	
30.587	379.777	11 25	FEB 06, 1975	
30.620	379.742	11 27	FEB 06, 1975	
30.654	379.742	11 29	FEB 06, 1975	
30.687	379.742	11 31	FEB 06, 1975	
30.721	379.742	11 33	FEB 06, 1975	
30.754	379.731	11 35	FEB 06, 1975	
30.788	379.731	11 37	FEB 06, 1975	
30.821	379.731	11 39	FEB 06, 1975	
30.855	379.719	11 41	FEB 06, 1975	
30.888	379.696	11 43	FEB 06, 1975	
30.922	379.673	11 45	FEB 06, 1975	
30.956	379.673	11 47	FEB 06, 1975	
30.989	379.662	11 49	FEB 06, 1975	
31.023	379.639	11 51	FEB 06, 1975	
31.056	379.639	11 53	FEB 06, 1975	
31.090	379.639	11 55	FEB 06, 1975	
31.123	379.639	11 57	FEB 06, 1975	
31.157	379.639	11 59	FEB 06, 1975	
31.190	379.604	12 01	FEB 06, 1975	
31.224	379.616	12 03	FEB 06, 1975	
31.257	379.604	12 05	FEB 06, 1975	



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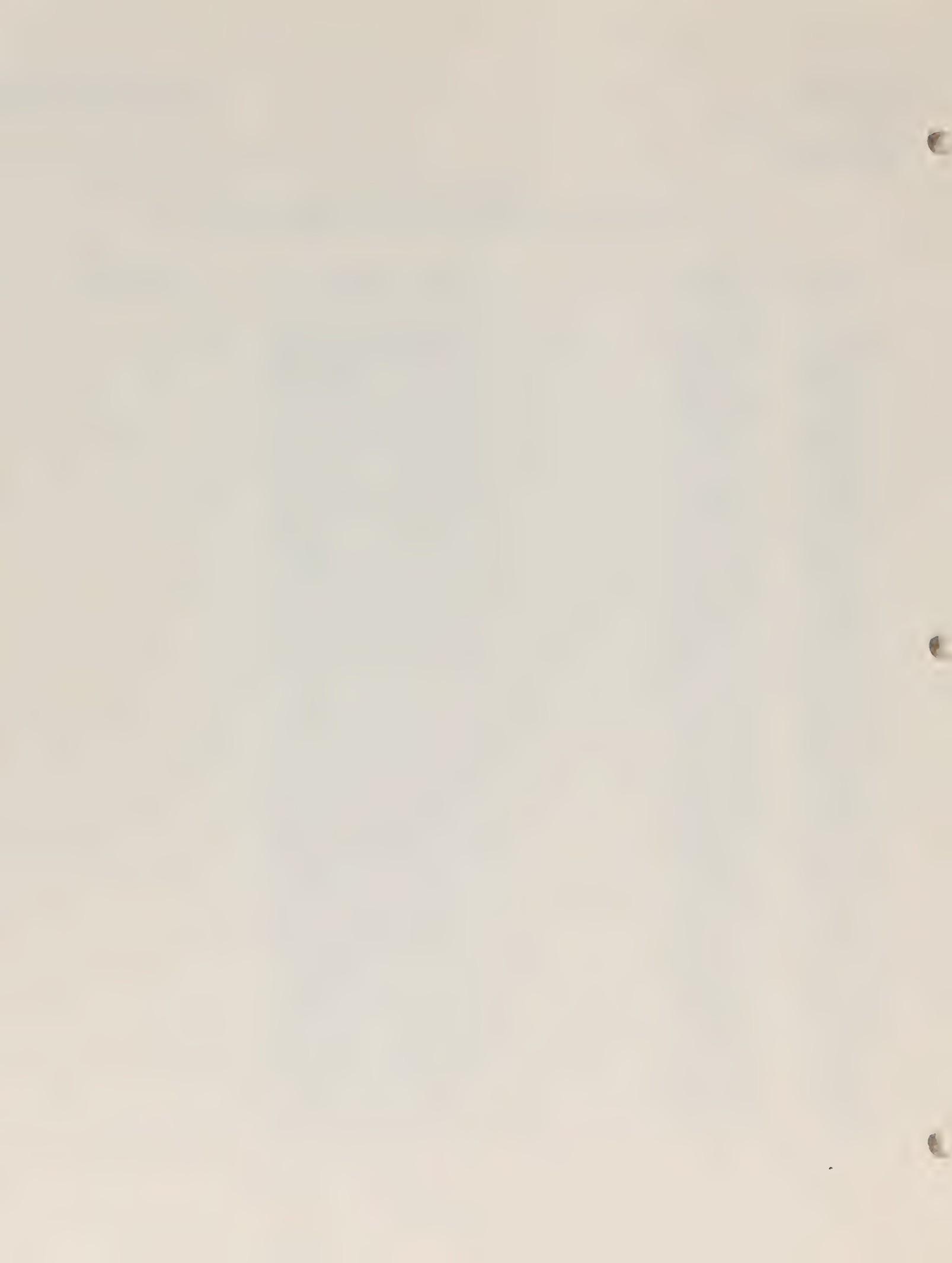
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
140 MPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
31.291	379.581	12 07	FEB 06, 1975	
31.324	379.581	12 09	FEB 06, 1975	
31.358	379.581	12 11	FEB 06, 1975	
31.392	379.581	12 13	FEB 06, 1975	
31.425	379.558	12 16	FEB 06, 1975	
31.459	379.570	12 18	FEB 06, 1975	
31.492	379.570	12 20	FEB 06, 1975	
31.526	379.570	12 22	FEB 06, 1975	
31.559	379.553	12 24	FEB 06, 1975	
31.593	379.558	12 26	FEB 06, 1975	
31.626	379.547	12 28	FEB 06, 1975	
31.660	379.547	12 30	FEB 06, 1975	
31.693	379.535	12 32	FEB 06, 1975	
31.727	379.535	12 34	FEB 06, 1975	
31.760	379.535	12 36	FEB 06, 1975	
31.794	379.535	12 38	FEB 06, 1975	
31.828	379.524	12 40	FEB 06, 1975	
31.861	379.524	12 42	FEB 06, 1975	
31.895	379.535	12 44	FEB 06, 1975	
31.928	379.524	12 46	FEB 06, 1975	
31.962	379.524	12 48	FEB 06, 1975	
31.995	379.501	12 50	FEB 06, 1975	
32.029	379.512	12 52	FEB 06, 1975	
32.062	379.512	12 54	FEB 06, 1975	
32.096	379.490	12 56	FEB 06, 1975	
32.129	379.490	12 58	FEB 06, 1975	
32.163	379.490	13 00	FEB 06, 1975	
32.196	379.490	13 02	FEB 06, 1975	
32.231	379.478	13 04	FEB 06, 1975	
32.264	379.490	13 06	FEB 06, 1975	
32.297	379.490	13 08	FEB 06, 1975	
32.331	379.501	13 10	FEB 06, 1975	
32.364	379.490	13 12	FEB 06, 1975	
32.398	379.490	13 14	FEB 06, 1975	
32.431	379.490	13 16	FEB 06, 1975	
32.465	379.467	13 18	FEB 06, 1975	
32.498	379.478	13 20	FEB 06, 1975	
32.532	379.478	13 22	FEB 06, 1975	
32.565	379.467	13 24	FEB 06, 1975	
32.599	379.478	13 26	FEB 06, 1975	



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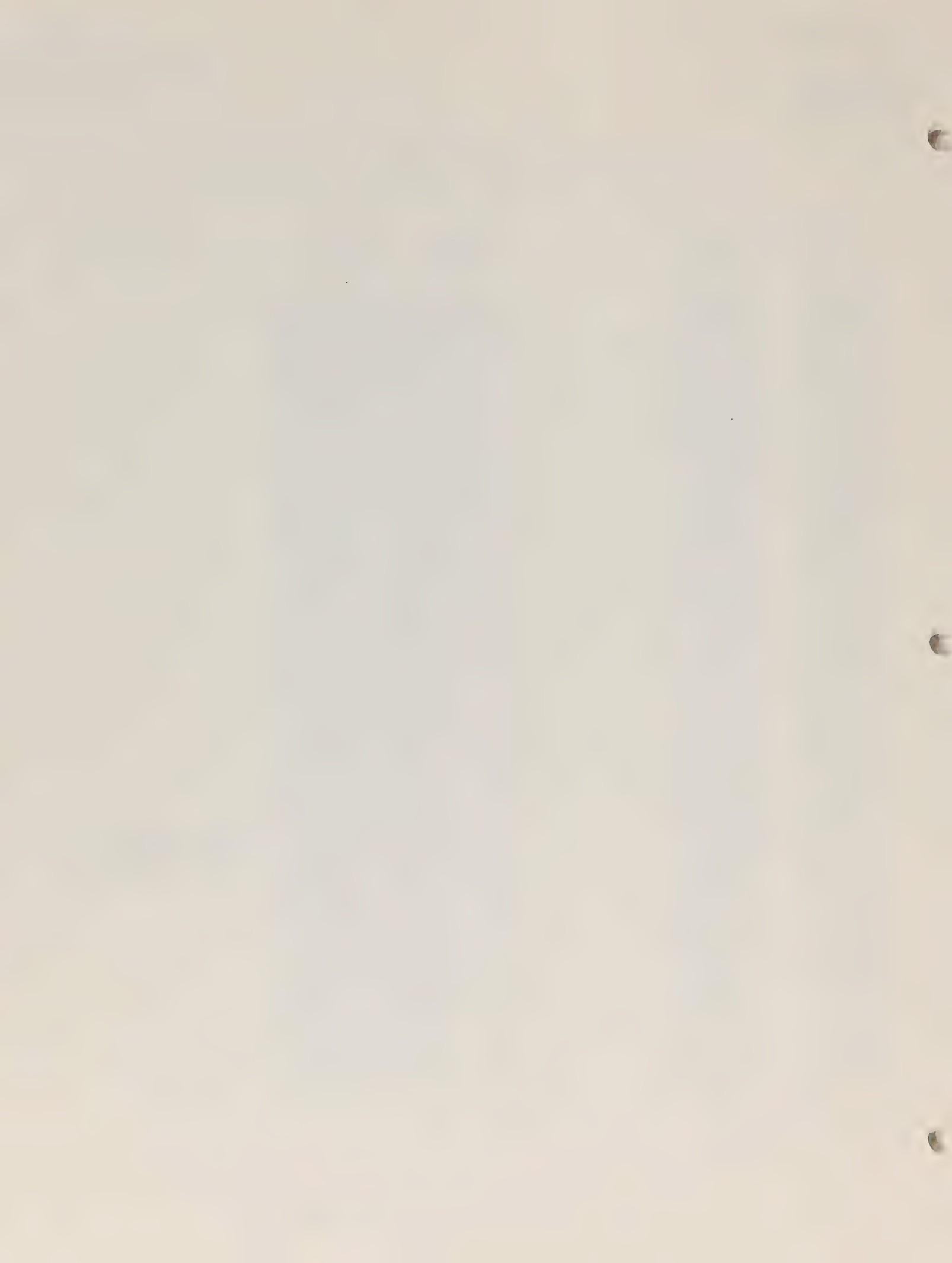
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
140 MPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
32.632	379.476	13 28	FEB 06, 1975	
32.666	379.455	13 30	FEB 06, 1975	
32.700	379.467	13 32	FEB 06, 1975	
32.733	379.467	13 34	FEB 06, 1975	
32.767	379.467	13 36	FEB 06, 1975	
32.800	379.444	13 38	FEB 06, 1975	
32.834	379.455	13 40	FEB 06, 1975	
32.867	379.455	13 42	FEB 06, 1975	
32.901	379.432	13 44	FEB 06, 1975	
32.934	379.432	13 46	FEB 06, 1975	
32.968	379.432	13 48	FEB 06, 1975	
33.001	379.432	13 50	FEB 06, 1975	
33.035	379.432	13 52	FEB 06, 1975	
33.068	379.432	13 54	FEB 06, 1975	
33.102	379.432	13 56	FEB 06, 1975	
33.135	379.432	13 58	FEB 06, 1975	
33.169	379.432	14 00	FEB 06, 1975	
33.203	379.432	14 02	FEB 06, 1975	
33.236	379.432	14 04	FEB 06, 1975	
33.271	379.432	14 06	FEB 06, 1975	
33.304	379.409	14 08	FEB 06, 1975	
33.337	379.386	14 10	FEB 06, 1975	
33.370	379.421	14 12	FEB 06, 1975	
33.404	379.421	14 14	FEB 06, 1975	
33.437	379.393	14 16	FEB 06, 1975	
33.471	379.398	14 18	FEB 06, 1975	
33.504	379.409	14 20	FEB 06, 1975	
33.538	379.409	14 22	FEB 06, 1975	END JETTING TO
33.572	379.409	14 24	FEB 06, 1975	START RECOVERY
33.605	379.432	14 26	FEB 06, 1975	
33.639	379.409	14 28	FEB 06, 1975	
33.672	379.352	14 30	FEB 06, 1975	
33.705	379.306	14 32	FEB 06, 1975	
33.738	379.306	14 34	FEB 06, 1975	
33.773	379.386	14 36	FEB 06, 1975	
33.806	379.570	14 38	FEB 06, 1975	
33.840	379.665	14 40	FEB 06, 1975	
33.873	380.247	14 42	FEB 06, 1975	
33.907	380.713	14 44	FEB 06, 1975	
33.940	381.189	14 46	FEB 06, 1975	



JOB NUMBER  
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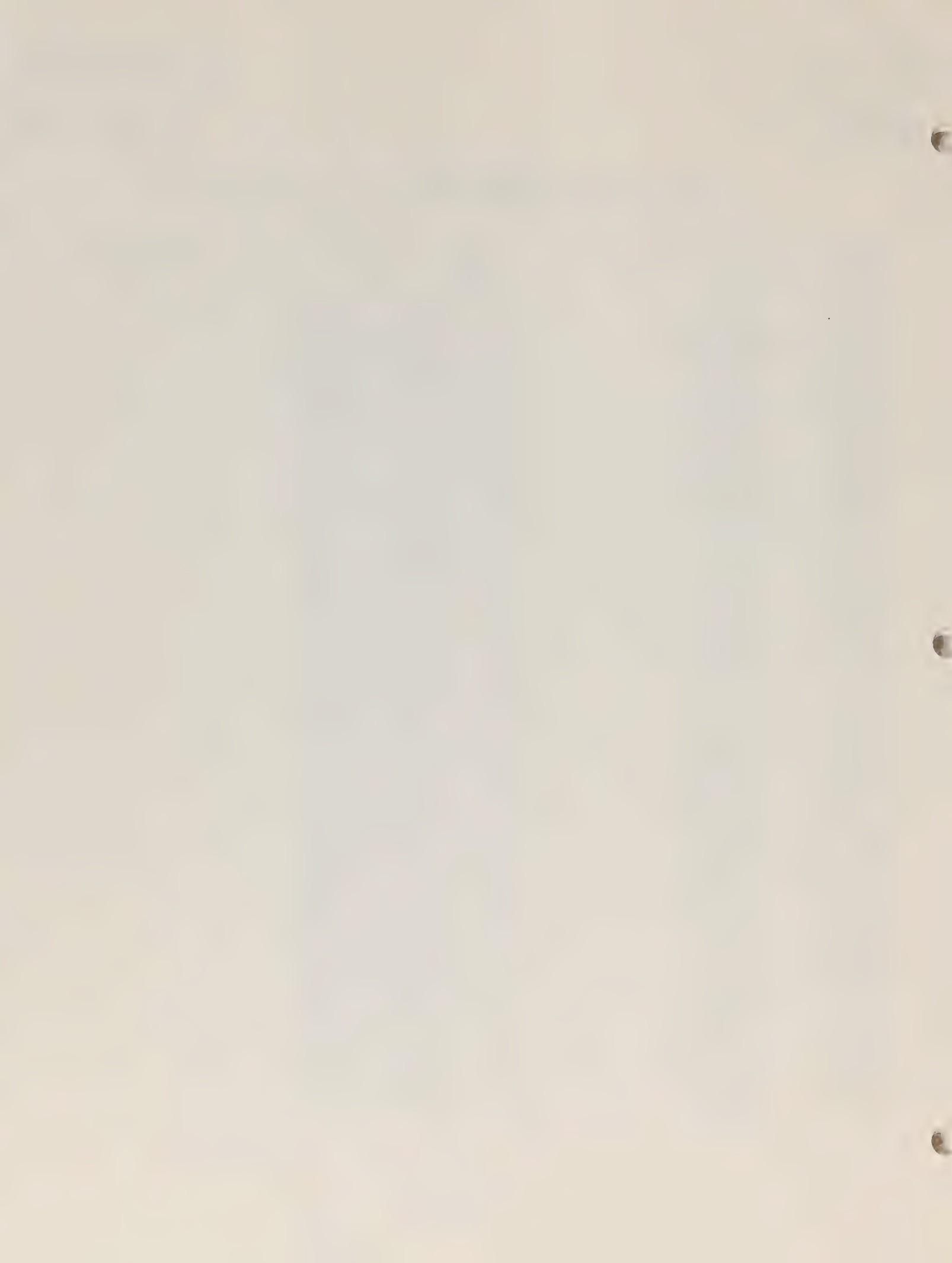
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
140 MPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
33.974	381.717	14 48	FEB 06, 1975	
34.008	382.233	14 50	FEB 06, 1975	
34.041	382.715	14 52	FEB 06, 1975	
34.075	383.220	14 54	FEB 06, 1975	
34.108	383.691	14 56	FEB 06, 1975	
34.142	384.116	14 59	FEB 06, 1975	
34.175	384.506	15 01	FEB 06, 1975	
34.209	384.862	15 03	FEB 06, 1975	
34.242	385.206	15 05	FEB 06, 1975	
34.276	385.539	15 07	FEB 06, 1975	
34.304	385.838	15 09	FEB 06, 1975	
34.343	386.159	15 11	FEB 06, 1975	
34.376	386.412	15 13	FEB 06, 1975	
34.410	386.664	15 15	FEB 06, 1975	
34.443	386.894	15 17	FEB 06, 1975	
34.477	387.135	15 19	FEB 06, 1975	
34.511	387.342	15 21	FEB 06, 1975	
34.544	387.537	15 23	FEB 06, 1975	
34.578	387.743	15 25	FEB 06, 1975	
34.611	387.939	15 27	FEB 06, 1975	
34.645	388.111	15 29	FEB 06, 1975	
34.678	388.271	15 31	FEB 06, 1975	
34.712	388.444	15 33	FEB 06, 1975	
34.745	388.604	15 35	FEB 06, 1975	
34.779	388.765	15 37	FEB 06, 1975	
34.812	388.926	15 39	FEB 06, 1975	
34.846	389.087	15 41	FEB 06, 1975	
34.880	389.236	15 43	FEB 06, 1975	
34.913	389.385	15 45	FEB 06, 1975	
34.947	389.511	15 47	FEB 06, 1975	
34.981	389.649	15 49	FEB 06, 1975	
35.014	389.810	15 51	FEB 06, 1975	
35.047	389.902	15 53	FEB 06, 1975	
35.081	390.005	15 55	FEB 06, 1975	
35.114	390.120	15 57	FEB 06, 1975	
35.148	390.200	15 59	FEB 06, 1975	
35.181	390.269	16 01	FEB 06, 1975	
35.215	390.315	16 03	FEB 06, 1975	
35.248	390.395	16 05	FEB 06, 1975	
35.282	390.494	16 07	FEB 06, 1975	



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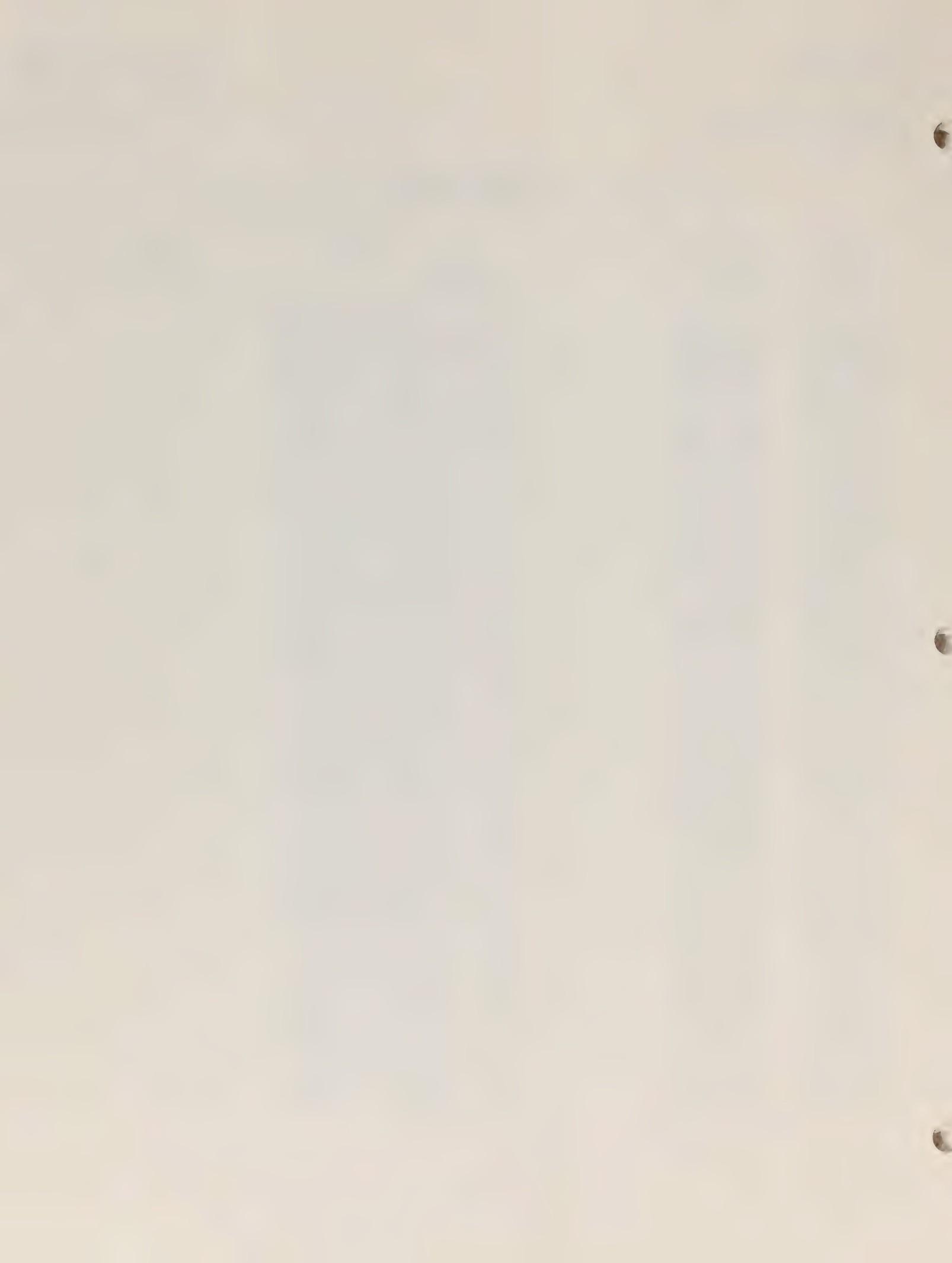
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
140 MPT-10

DATE OF RUN

SPEERY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
35.316	390.590	16 09	FEB 06, 1975	
35.349	390.648	16 11	FEB 06, 1975	
35.383	390.751	16 13	FEB 06, 1975	
35.416	390.866	16 15	FEB 06, 1975	
35.450	390.935	16 17	FEB 06, 1975	
35.483	390.992	16 19	FEB 06, 1975	
35.517	391.095	16 21	FEB 06, 1975	
35.550	391.164	16 23	FEB 06, 1975	
35.584	391.233	16 25	FEB 06, 1975	
35.617	391.302	16 27	FEB 06, 1975	
35.651	391.359	16 29	FEB 06, 1975	
35.684	391.451	16 31	FEB 06, 1975	
35.718	391.509	16 33	FEB 06, 1975	
35.752	391.555	16 35	FEB 06, 1975	
35.785	391.624	16 37	FEB 06, 1975	
35.819	391.704	16 39	FEB 06, 1975	
35.852	391.734	16 41	FEB 06, 1975	
35.886	391.736	16 43	FEB 06, 1975	
35.919	391.876	16 45	FEB 06, 1975	
35.953	391.922	16 47	FEB 06, 1975	
35.986	391.979	16 49	FEB 06, 1975	
36.020	392.025	16 51	FEB 06, 1975	
36.053	392.071	16 53	FEB 06, 1975	
36.087	392.117	16 55	FEB 06, 1975	
36.120	392.152	16 57	FEB 06, 1975	
36.154	392.220	16 59	FEB 06, 1975	
36.188	392.255	17 01	FEB 06, 1975	
36.221	392.279	17 03	FEB 06, 1975	
36.255	392.307	17 05	FEB 06, 1975	
36.288	392.370	17 07	FEB 06, 1975	
36.322	392.439	17 09	FEB 06, 1975	
36.355	392.484	17 11	FEB 06, 1975	
36.389	392.542	17 13	FEB 06, 1975	
36.422	392.576	17 15	FEB 06, 1975	
36.456	392.634	17 17	FEB 06, 1975	
36.489	392.691	17 19	FEB 06, 1975	
36.523	392.703	17 21	FEB 06, 1975	
36.556	392.714	17 23	FEB 06, 1975	
36.590	392.763	17 25	FEB 06, 1975	
36.623	392.029	17 27	FEB 06, 1975	



JOB NUMBER  
SPG-11224-2

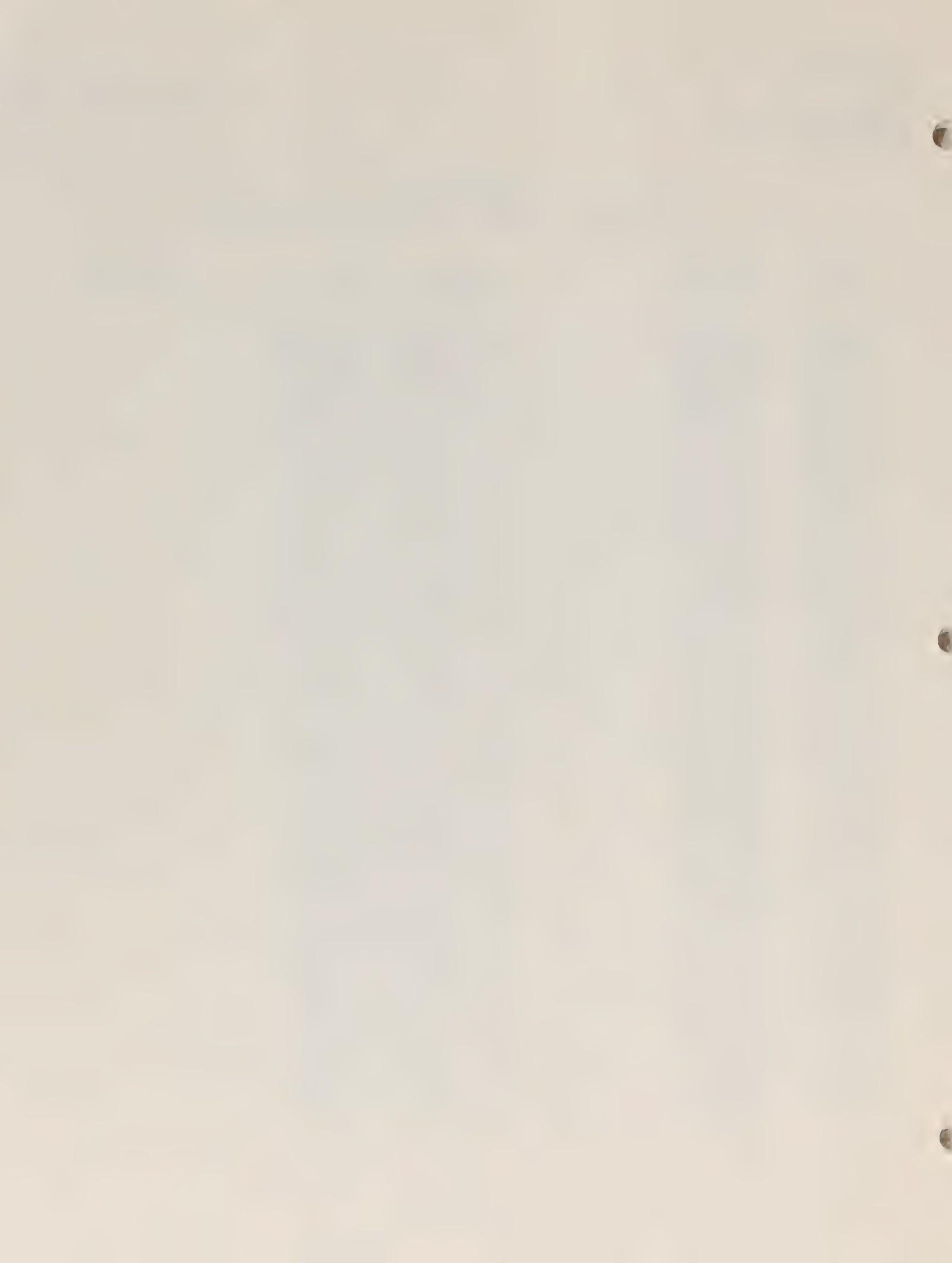
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
140 MPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
36.657	392.863	17 29	FEB 06, 1975	
36.691	392.898	17 31	FEB 06, 1975	
36.724	392.932	17 33	FEB 06, 1975	
36.754	392.978	17 35	FEB 06, 1975	
36.791	393.036	17 37	FEB 06, 1975	
36.825	393.036	17 39	FEB 06, 1975	
36.858	393.081	17 41	FEB 06, 1975	
36.892	393.150	17 44	FEB 06, 1975	
36.925	393.162	17 46	FEB 06, 1975	
36.959	393.185	17 48	FEB 06, 1975	
36.992	393.219	17 50	FEB 06, 1975	
37.026	392.129	17 52	FEB 06, 1975	
37.059	393.311	17 54	FEB 06, 1975	
37.093	393.334	17 56	FEB 06, 1975	
37.127	393.403	17 58	FEB 06, 1975	
37.160	393.426	18 00	FEB 06, 1975	
37.194	393.449	18 02	FEB 06, 1975	
37.227	393.472	18 04	FEB 06, 1975	
37.261	393.506	18 06	FEB 06, 1975	
37.294	393.541	18 09	FEB 06, 1975	
37.327	393.541	18 10	FEB 06, 1975	
37.361	393.587	18 12	FEB 06, 1975	
37.395	393.644	18 14	FEB 06, 1975	
37.428	393.667	18 16	FEB 06, 1975	
37.462	393.678	18 18	FEB 06, 1975	
37.495	393.724	18 20	FEB 06, 1975	
37.529	393.747	18 22	FEB 06, 1975	
37.563	393.782	18 24	FEB 06, 1975	
37.596	393.828	18 26	FEB 06, 1975	
37.630	393.828	18 28	FEB 06, 1975	
37.663	393.874	18 30	FEB 06, 1975	
37.697	393.897	18 32	FEB 06, 1975	
37.730	393.919	18 34	FEB 06, 1975	
37.764	393.954	18 36	FEB 06, 1975	
37.797	393.988	18 38	FEB 06, 1975	
37.831	394.023	18 40	FEB 06, 1975	
37.864	394.023	18 42	FEB 06, 1975	
37.898	394.046	18 44	FEB 06, 1975	
37.931	394.092	18 46	FEB 06, 1975	
37.965	394.103	18 48	FEB 06, 1975	



JOB NUMBER  
SPG-11228-2

DATE OF JOB  
FEBRUARY 5-6, 1975

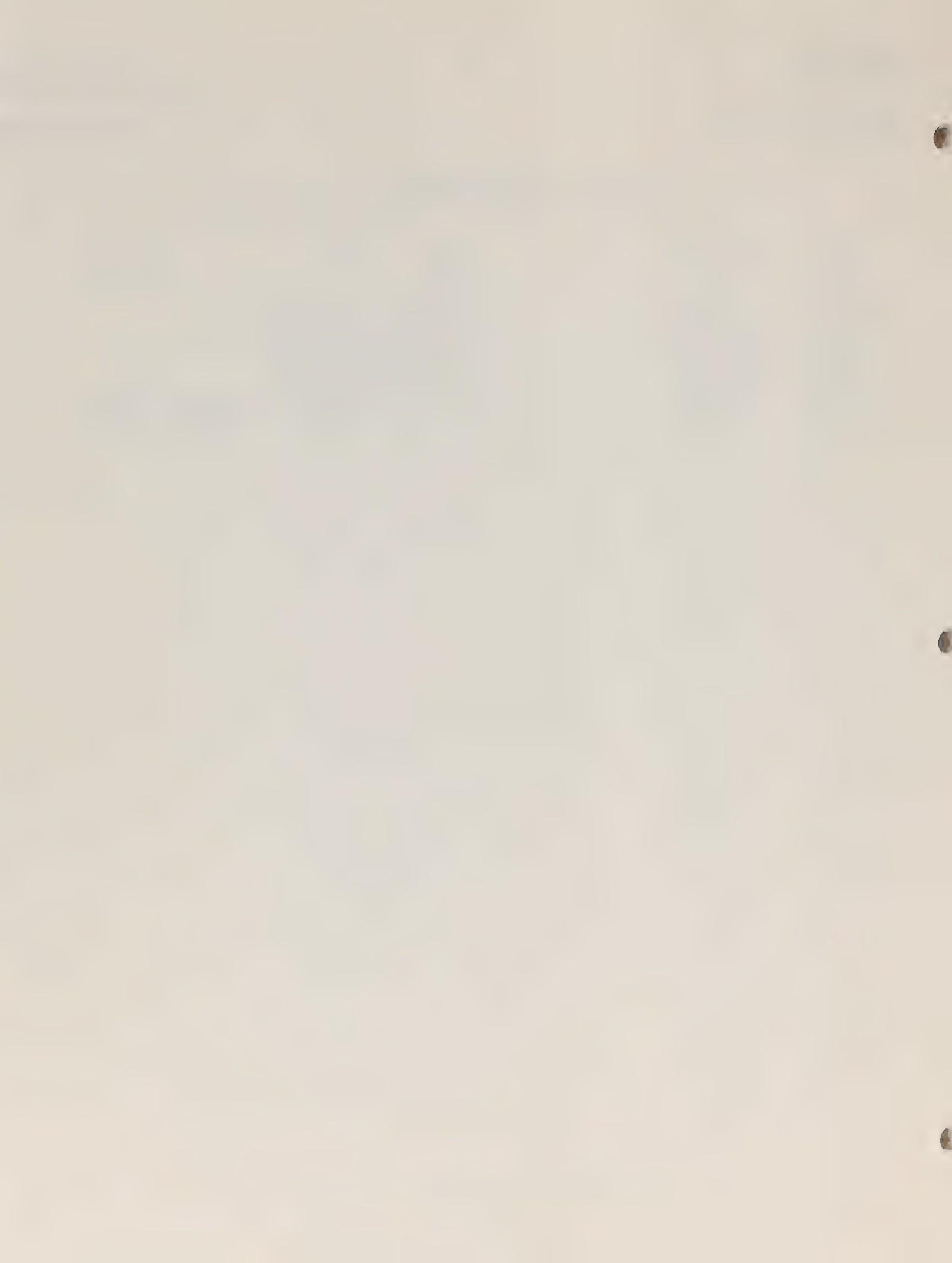
GAUGE/RUN NUMBER  
140 MPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PST)	TIME HR MIN	DATE	COMMENTS
37.999	394.115	18 50	FEB 06, 1975	
38.032	394.149	18 52	FEB 06, 1975	
38.065	394.172	18 54	FEB 06, 1975	
38.099	394.206	18 56	FEB 06, 1975	
38.133	394.218	18 58	FEB 06, 1975	UNSEAT PACKERS
38.166	394.264	19 00	FEB 06, 1975	END OF TEST

1126 POINTS REPORTED THIS RUN



JOB NUMBER  
SPG-11228-7  
MPT #10

DATE OF JOB  
FEBRUARY 5-6, 1975

SPERRY-SUN  
PRECISION SURFACE PRESSURE GAUGE REPORT  
PREPARED FOR  
ATLANTIC RICHFIELD COMPANY

WELL NUMBER SG-1  
FIELD/LEASE SORGHUM GULCH  
COUNTY/PARISH RIO BLANCO  
STATE COLORADO  
TYPE OF TEST MPT

PREFERENCE FLEV GROUND ELEVATION

ADDITIONAL INFORMATION

GAUGE NO 145 WITH 500 PSI ELEMENT

GAUGE DEPTH 1018 FEET BOTTOM GAUGE

ZONE FOR GAUGE NO 145 1008 FT = 2522 FT

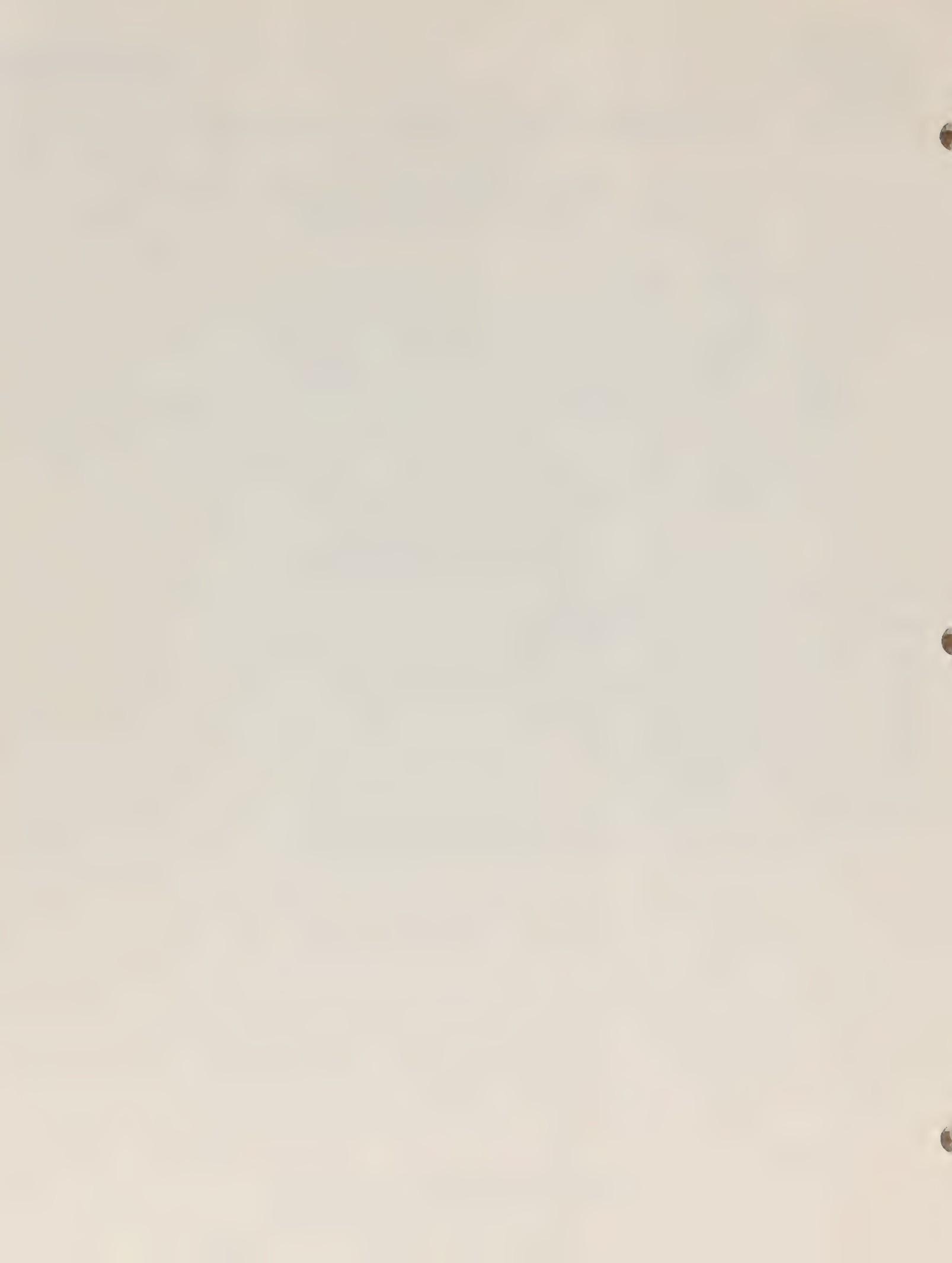
INITIAL HYDROSTATIC 414.959 PSI

FINAL HYDROSTATIC 415.145 PSI

GROUND ELEVATION 6428 FEET

PACKER DEPTHS THIS TEST 968 FT AND 1008 FT TO = 2522 FT

1132 POINTS REPORTED THIS JOB



JOB NUMBER  
SPG-11228-V

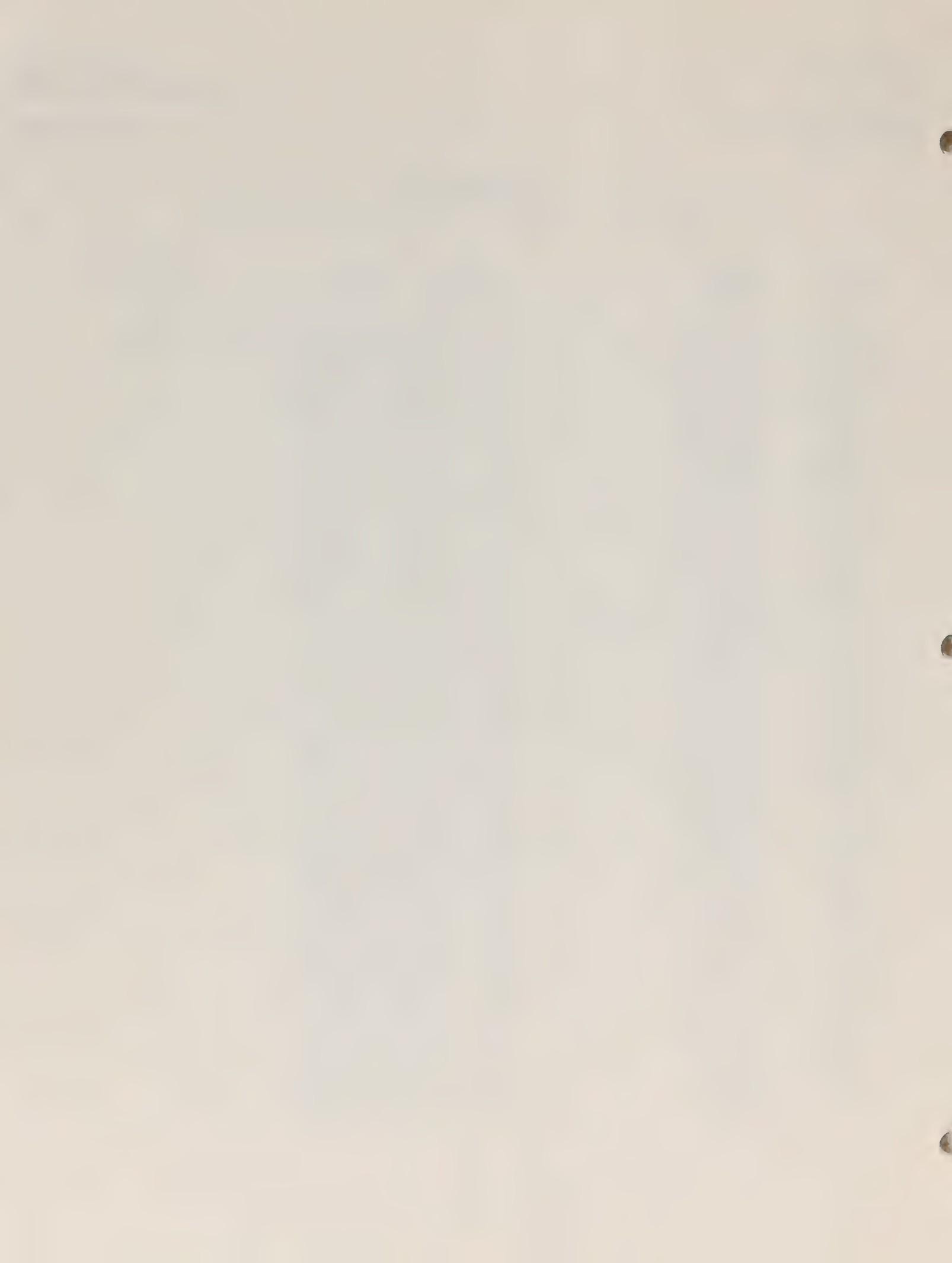
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
145 MPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
0.000	418.211	04 50	FEB 05, 1975	SET PACKERS
0.034	418.106	04 52	FEB 05, 1975	
0.067	418.048	04 54	FEB 05, 1975	
0.101	418.025	04 56	FEB 05, 1975	
0.135	417.967	04 58	FEB 05, 1975	
0.169	417.944	05 00	FEB 05, 1975	
0.203	417.921	05 02	FEB 05, 1975	
0.236	417.898	05 04	FEB 05, 1975	
0.270	417.885	05 06	FEB 05, 1975	
0.304	417.840	05 08	FEB 05, 1975	
0.337	417.825	05 10	FEB 05, 1975	
0.371	417.805	05 12	FEB 05, 1975	
0.405	417.805	05 14	FEB 05, 1975	
0.439	417.793	05 16	FEB 05, 1975	
0.472	417.770	05 18	FEB 05, 1975	
0.506	417.747	05 20	FEB 05, 1975	
0.540	417.736	05 22	FEB 05, 1975	
0.574	417.736	05 24	FEB 05, 1975	
0.607	417.724	05 26	FEB 05, 1975	
0.641	417.736	05 28	FEB 05, 1975	
0.675	417.724	05 30	FEB 05, 1975	
0.709	417.712	05 33	FEB 05, 1975	
0.742	417.689	05 35	FEB 05, 1975	
0.776	417.689	05 37	FEB 05, 1975	
0.810	417.678	05 39	FEB 05, 1975	
0.844	417.654	05 41	FEB 05, 1975	
0.877	417.643	05 43	FEB 05, 1975	
0.911	417.654	05 45	FEB 05, 1975	
0.945	417.643	05 47	FEB 05, 1975	
0.979	417.643	05 49	FEB 05, 1975	
1.012	417.620	05 51	FEB 05, 1975	
1.046	417.620	05 53	FEB 05, 1975	
1.080	417.608	05 55	FEB 05, 1975	
1.114	417.596	05 57	FEB 05, 1975	
1.147	417.585	05 59	FEB 05, 1975	
1.181	417.585	06 01	FEB 05, 1975	
1.215	417.573	06 03	FEB 05, 1975	
1.249	417.562	06 05	FEB 05, 1975	
1.282	417.573	06 07	FEB 05, 1975	
1.316	417.562	06 09	FEB 05, 1975	



JOB NUMBER  
SPG-1122R-2

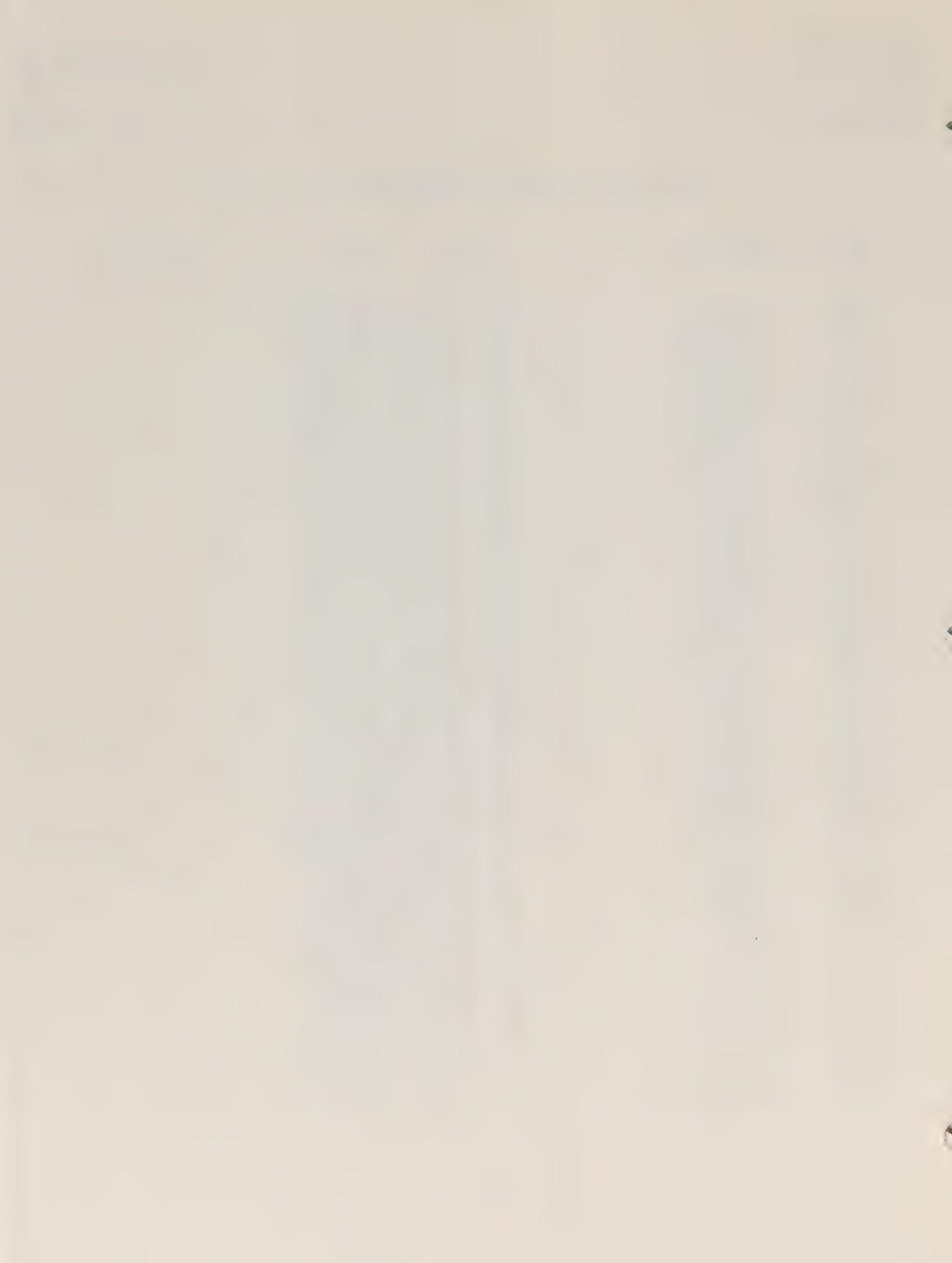
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
145 MPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PST)	TIME	DATE	COMMENTS
		HR MIN		
1.350	417.573	06	11 FEB 05, 1975	
1.380	417.573	06	13 FEB 05, 1975	
1.417	417.562	06	15 FEB 05, 1975	
1.451	417.562	06	17 FEB 05, 1975	
1.485	417.562	06	19 FEB 05, 1975	
1.519	417.559	06	21 FEB 05, 1975	
1.552	417.539	06	23 FEB 05, 1975	
1.586	417.550	06	25 FEB 05, 1975	
1.620	417.550	06	27 FEB 05, 1975	
1.654	417.527	06	29 FEB 05, 1975	
1.687	417.515	06	31 FEB 05, 1975	
1.721	417.515	06	33 FEB 05, 1975	
1.755	417.504	06	35 FEB 05, 1975	
1.789	417.504	06	37 FEB 05, 1975	
1.822	417.504	06	39 FEB 05, 1975	
1.856	417.515	06	41 FEB 05, 1975	
1.890	417.504	06	43 FEB 05, 1975	
1.924	417.504	06	45 FEB 05, 1975	
1.957	417.515	06	47 FEB 05, 1975	
1.991	417.481	06	49 FEB 05, 1975	
2.025	417.492	06	51 FEB 05, 1975	
2.059	417.492	06	54 FEB 05, 1975	
2.092	417.481	06	56 FEB 05, 1975	
2.126	417.481	06	58 FEB 05, 1975	
2.160	417.481	07	00 FEB 05, 1975	
2.193	417.469	07	02 FEB 05, 1975	
2.227	417.469	07	04 FEB 05, 1975	
2.261	417.469	07	06 FEB 05, 1975	
2.295	417.446	07	08 FEB 05, 1975	
2.329	417.469	07	10 FEB 05, 1975	
2.362	417.446	07	12 FEB 05, 1975	
2.396	417.446	07	14 FEB 05, 1975	
2.430	417.446	07	16 FEB 05, 1975	
2.463	417.434	07	18 FEB 05, 1975	
2.497	417.434	07	20 FEB 05, 1975	
2.531	417.434	07	22 FEB 05, 1975	
2.565	417.423	07	24 FEB 05, 1975	
2.599	417.434	07	26 FEB 05, 1975	
2.632	417.411	07	28 FEB 05, 1975	
2.666	417.411	07	30 FEB 05, 1975	



JOB NUMBER  
SPG-11228-1

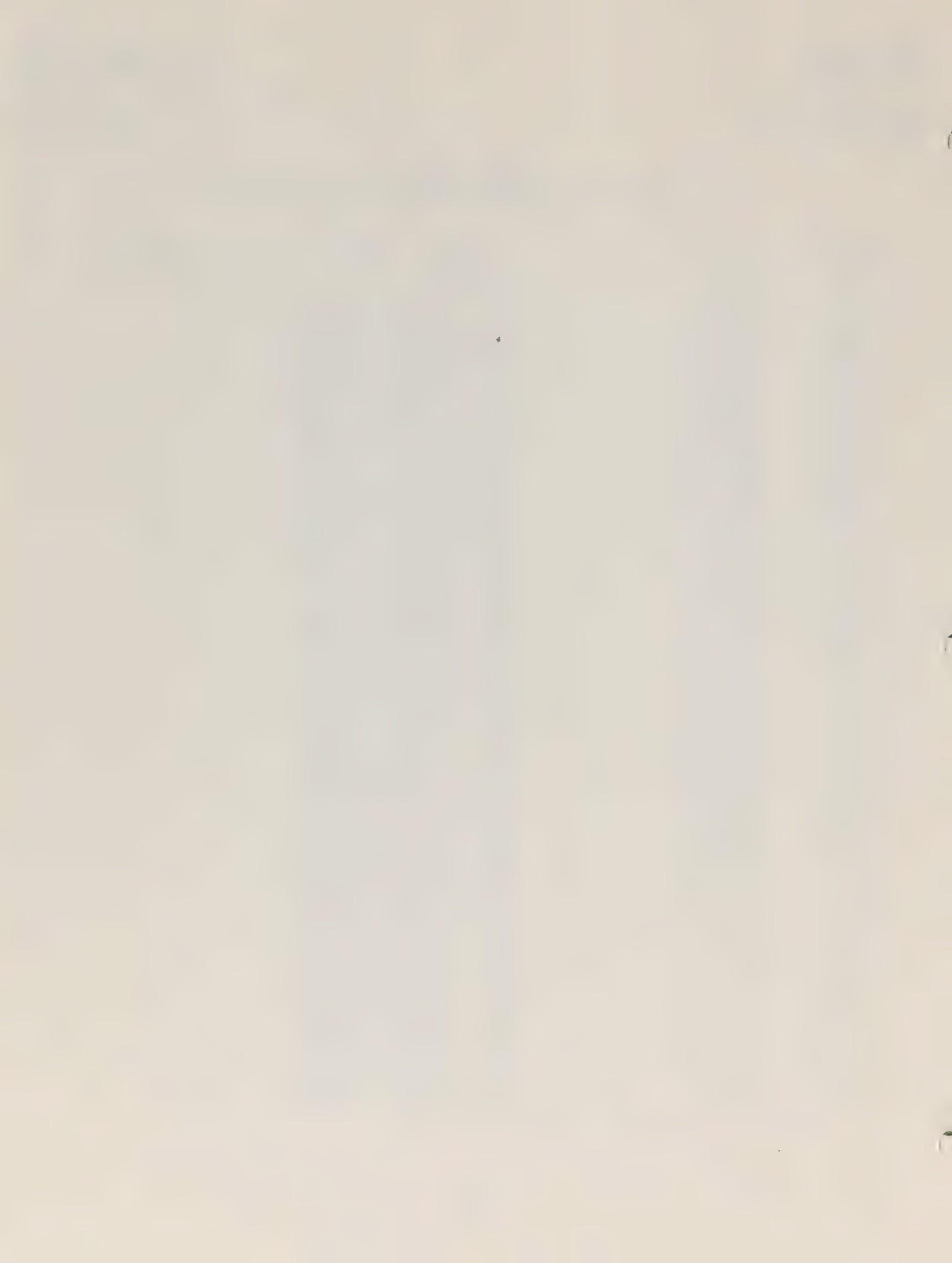
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
145 MPT=10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PST)	TIME HR MIN	DATE	COMMENTS
2.700	417.366	07 32	FEB 05, 1975	
2.723	417.383	07 34	FEB 05, 1975	
2.767	417.411	07 36	FEB 05, 1975	
2.801	417.411	07 38	FEB 05, 1975	
2.835	417.399	07 40	FEB 05, 1975	
2.868	417.399	07 42	FEB 05, 1975	
2.902	417.376	07 44	FEB 05, 1975	
2.936	417.376	07 46	FEB 05, 1975	
2.970	417.376	07 48	FEB 05, 1975	
3.003	417.376	07 50	FEB 05, 1975	
3.037	417.376	07 52	FEB 05, 1975	
3.071	417.376	07 54	FEB 05, 1975	
3.105	417.355	07 56	FEB 05, 1975	
3.138	417.388	07 58	FEB 05, 1975	
3.172	417.376	08 00	FEB 05, 1975	
3.206	417.355	08 02	FEB 05, 1975	
3.240	417.365	08 04	FEB 05, 1975	
3.273	417.365	08 06	FEB 05, 1975	
3.307	417.365	08 08	FEB 05, 1975	
3.341	417.365	08 10	FEB 05, 1975	
3.375	417.365	08 12	FEB 05, 1975	
3.408	417.365	08 15	FEB 05, 1975	
3.442	417.353	08 17	FEB 05, 1975	
3.476	417.365	08 19	FEB 05, 1975	
3.510	417.365	08 21	FEB 05, 1975	
3.543	417.353	08 23	FEB 05, 1975	
3.577	417.342	08 25	FEB 05, 1975	
3.611	417.342	08 27	FEB 05, 1975	
3.645	417.342	08 29	FEB 05, 1975	
3.678	417.342	08 31	FEB 05, 1975	
3.712	417.330	08 33	FEB 05, 1975	
3.746	417.353	08 35	FEB 05, 1975	
3.780	417.353	08 37	FEB 05, 1975	
3.813	417.365	08 39	FEB 05, 1975	
3.847	417.353	08 41	FEB 05, 1975	
3.881	417.353	08 43	FEB 05, 1975	
3.915	417.353	08 45	FEB 05, 1975	
3.948	417.353	08 47	FEB 05, 1975	
3.982	417.353	08 49	FEB 05, 1975	
4.016	417.353	08 51	FEB 05, 1975	



JOB NUMBER  
SPG-11228-9

DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
145 MPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
4.050	417.353	08 53	FEB 05, 1975	
4.083	417.353	08 55	FEB 05, 1975	
4.117	417.342	08 57	FEB 05, 1975	
4.151	417.342	08 59	FEB 05, 1975	
4.185	417.342	09 01	FEB 05, 1975	
4.218	417.342	09 03	FEB 05, 1975	
4.252	417.342	09 05	FEB 05, 1975	
4.286	417.342	09 07	FEB 05, 1975	
4.319	417.342	09 09	FEB 05, 1975	
4.353	417.342	09 11	FEB 05, 1975	
4.387	417.330	09 13	FEB 05, 1975	
4.421	417.330	09 15	FEB 05, 1975	
4.455	417.342	09 17	FEB 05, 1975	
4.488	417.330	09 19	FEB 05, 1975	
4.522	417.330	09 21	FEB 05, 1975	
4.556	417.342	09 23	FEB 05, 1975	
4.589	417.330	09 25	FEB 05, 1975	
4.623	417.330	09 27	FEB 05, 1975	
4.657	417.330	09 29	FEB 05, 1975	
4.691	417.330	09 31	FEB 05, 1975	
4.724	417.318	09 33	FEB 05, 1975	
4.758	417.318	09 35	FEB 05, 1975	
4.792	417.307	09 38	FEB 05, 1975	
4.826	417.295	09 40	FEB 05, 1975	
4.859	417.293	09 42	FEB 05, 1975	
4.893	417.295	09 44	FEB 05, 1975	
4.927	417.318	09 46	FEB 05, 1975	
4.961	417.318	09 48	FEB 05, 1975	
4.994	417.318	09 50	FEB 05, 1975	
5.023	417.318	09 52	FEB 05, 1975	
5.062	417.318	09 54	FEB 05, 1975	
5.096	417.307	09 56	FEB 05, 1975	
5.124	417.307	09 58	FEB 05, 1975	
5.163	417.307	10 00	FEB 05, 1975	
5.197	417.307	10 02	FEB 05, 1975	
5.231	417.318	10 04	FEB 05, 1975	
5.264	417.307	10 06	FEB 05, 1975	
5.298	417.307	10 08	FEB 05, 1975	
5.332	417.307	10 10	FEB 05, 1975	
5.366	417.307	10 12	FEB 05, 1975	



JOB NUMBER  
SPG-11228-9

DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
145 MPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
5.399	417.307	10 14	FEB 05, 1975	
5.433	417.318	10 16	FEB 05, 1975	
5.467	417.307	10 18	FEB 05, 1975	
5.501	417.307	10 20	FEB 05, 1975	
5.534	417.307	10 22	FEB 05, 1975	
5.568	417.307	10 24	FEB 05, 1975	
5.602	417.307	10 26	FEB 05, 1975	
5.636	417.307	10 28	FEB 05, 1975	
5.669	417.307	10 30	FEB 05, 1975	
5.703	417.307	10 32	FEB 05, 1975	
5.737	417.307	10 34	FEB 05, 1975	
5.771	417.307	10 36	FEB 05, 1975	
5.804	417.307	10 38	FEB 05, 1975	
5.838	417.307	10 40	FEB 05, 1975	
5.872	417.295	10 42	FEB 05, 1975	
5.906	417.284	10 44	FEB 05, 1975	
5.939	417.295	10 46	FEB 05, 1975	
5.973	417.295	10 48	FEB 05, 1975	
6.007	417.295	10 50	FEB 05, 1975	
6.041	417.295	10 52	FEB 05, 1975	
6.074	417.295	10 54	FEB 05, 1975	
6.108	417.295	10 56	FEB 05, 1975	
6.142	417.295	10 58	FEB 05, 1975	
6.175	417.295	11 01	FEB 05, 1975	
6.209	417.295	11 03	FEB 05, 1975	
6.243	417.295	11 05	FEB 05, 1975	
6.277	417.295	11 07	FEB 05, 1975	
6.311	417.284	11 09	FEB 05, 1975	
6.344	417.284	11 11	FEB 05, 1975	
6.378	417.295	11 13	FEB 05, 1975	
6.412	417.295	11 15	FEB 05, 1975	
6.445	417.284	11 17	FEB 05, 1975	
6.479	417.307	11 19	FEB 05, 1975	
6.513	417.307	11 21	FEB 05, 1975	
6.547	417.307	11 23	FEB 05, 1975	
6.580	417.307	11 25	FEB 05, 1975	
6.614	417.307	11 27	FEB 05, 1975	
6.648	417.295	11 29	FEB 05, 1975	
6.682	417.295	11 31	FEB 05, 1975	
6.716	417.284	11 33	FEB 05, 1975	



JOB NUMBER  
SPG-1122R-2

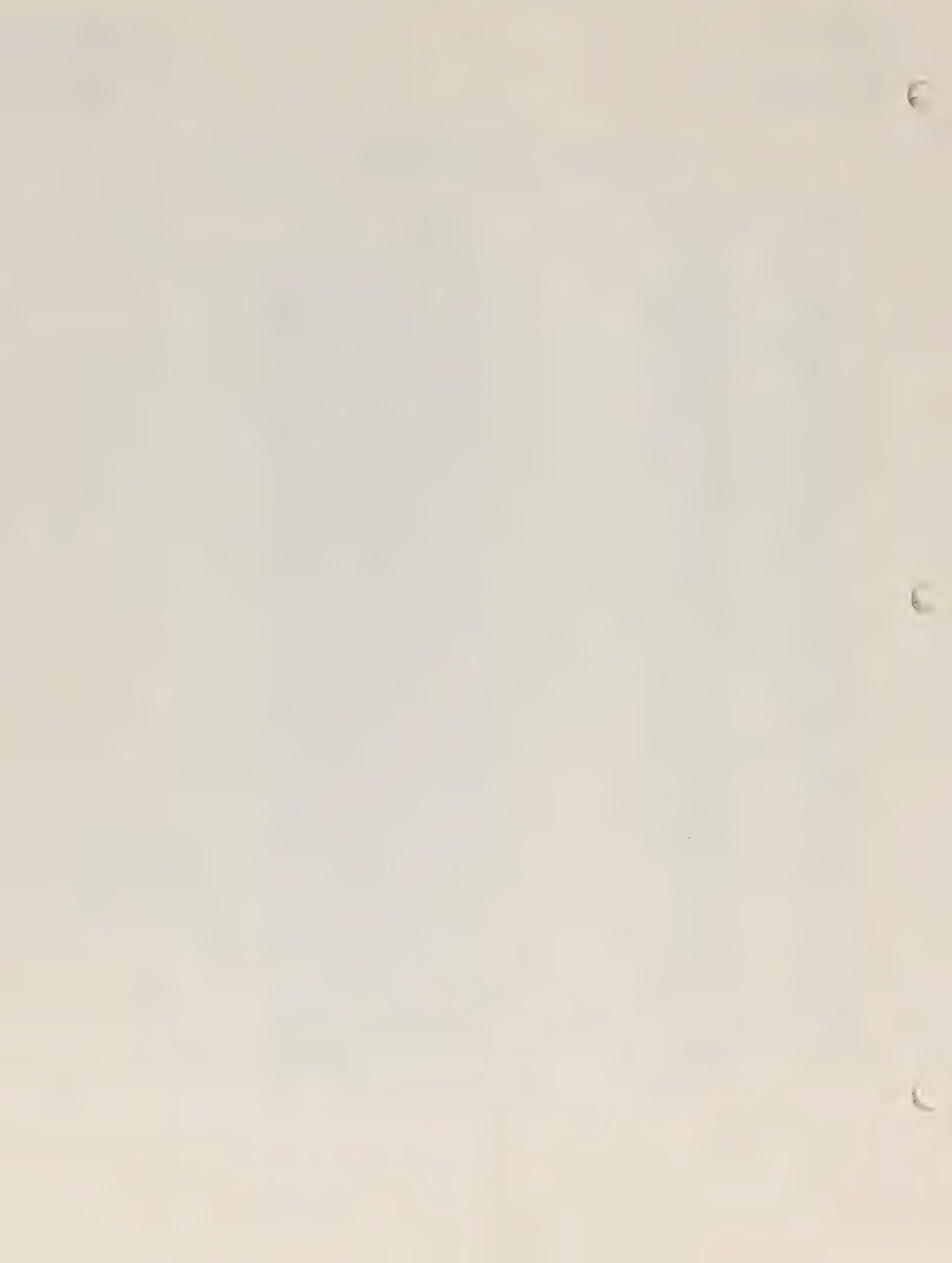
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
145 MPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
6.749	417.272	11 35	FEB 05, 1975	
6.783	417.284	11 37	FEB 05, 1975	
6.817	417.272	11 39	FEB 05, 1975	
6.850	417.284	11 41	FEB 05, 1975	
6.884	417.284	11 43	FEB 05, 1975	
6.918	417.272	11 45	FEB 05, 1975	
6.952	417.272	11 47	FEB 05, 1975	
6.985	417.272	11 49	FEB 05, 1975	
7.019	417.260	11 51	FEB 05, 1975	
7.053	417.272	11 53	FEB 05, 1975	
7.087	417.260	11 55	FEB 05, 1975	
7.120	417.272	11 57	FEB 05, 1975	
7.154	417.260	11 59	FEB 05, 1975	
7.188	417.272	12 01	FEB 05, 1975	
7.222	417.272	12 03	FEB 05, 1975	
7.255	417.272	12 05	FEB 05, 1975	
7.289	417.237	12 07	FEB 05, 1975	
7.323	417.237	12 09	FEB 05, 1975	
7.357	417.237	12 11	FEB 05, 1975	
7.390	417.249	12 13	FEB 05, 1975	
7.424	417.237	12 15	FEB 05, 1975	
7.458	417.237	12 17	FEB 05, 1975	
7.492	417.237	12 19	FEB 05, 1975	
7.525	417.226	12 22	FEB 05, 1975	
7.559	417.226	12 24	FEB 05, 1975	
7.593	417.226	12 26	FEB 05, 1975	
7.627	417.214	12 28	FEB 05, 1975	
7.660	417.214	12 30	FEB 05, 1975	
7.694	417.202	12 32	FEB 05, 1975	
7.728	417.202	12 34	FEB 05, 1975	
7.762	417.202	12 36	FEB 05, 1975	
7.795	417.202	12 38	FEB 05, 1975	
7.829	417.214	12 40	FEB 05, 1975	
7.863	417.202	12 42	FEB 05, 1975	
7.897	417.214	12 44	FEB 05, 1975	
7.930	417.202	12 46	FEB 05, 1975	
7.964	417.191	12 48	FEB 05, 1975	
7.998	417.191	12 50	FEB 05, 1975	
8.032	417.179	12 52	FEB 05, 1975	
8.065	417.179	12 54	FEB 05, 1975	START TESTING TO SEE IF PACK ERS SET BEFORE START OF JET TEST



JOB NUMBER  
SPG-11228-9

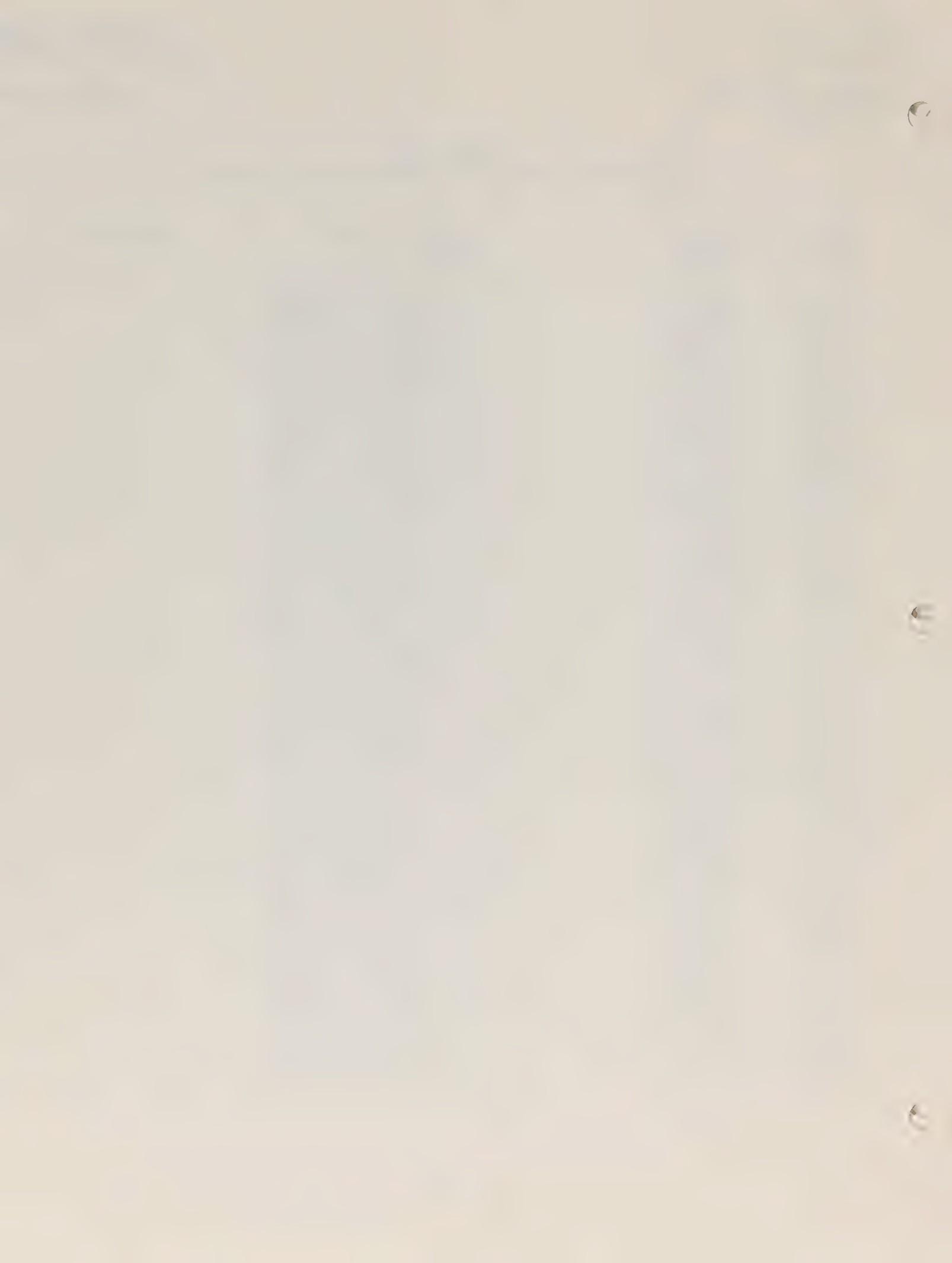
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
145 MPT=10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
8.099	417.179	12 56	FEB 05, 1975	
8.133	417.179	12 58	FEB 05, 1975	
8.167	417.168	13 00	FEB 05, 1975	
8.200	417.168	13 02	FEB 05, 1975	
8.234	417.168	13 04	FEB 05, 1975	
8.268	417.168	13 06	FEB 05, 1975	
8.302	417.156	13 08	FEB 05, 1975	
8.335	417.156	13 10	FEB 05, 1975	
8.369	417.168	13 12	FEB 05, 1975	
8.403	417.156	13 14	FEB 05, 1975	
8.437	417.168	13 16	FEB 05, 1975	
8.470	417.145	13 18	FEB 05, 1975	
8.504	417.145	13 20	FEB 05, 1975	
8.538	417.145	13 22	FEB 05, 1975	
8.571	417.156	13 24	FEB 05, 1975	
8.605	417.156	13 26	FEB 05, 1975	
8.639	417.156	13 28	FEB 05, 1975	
8.673	417.145	13 30	FEB 05, 1975	
8.706	417.158	13 32	FEB 05, 1975	
8.740	417.168	13 34	FEB 05, 1975	
8.774	417.168	13 36	FEB 05, 1975	
8.808	417.145	13 38	FEB 05, 1975	
8.841	417.145	13 40	FEB 05, 1975	
8.875	417.156	13 43	FEB 05, 1975	
8.909	417.145	13 45	FEB 05, 1975	
8.942	417.145	13 47	FEB 05, 1975	
8.976	417.145	13 49	FEB 05, 1975	
9.010	417.145	13 51	FEB 05, 1975	
9.043	417.145	13 53	FEB 05, 1975	
9.076	417.145	13 55	FEB 05, 1975	
9.111	417.145	13 57	FEB 05, 1975	
9.145	417.145	13 59	FEB 05, 1975	
9.179	417.145	14 01	FEB 05, 1975	
9.213	417.145	14 03	FEB 05, 1975	
9.246	417.145	14 05	FEB 05, 1975	
9.280	417.145	14 07	FEB 05, 1975	
9.314	417.133	14 09	FEB 05, 1975	
9.348	417.145	14 11	FEB 05, 1975	
9.381	417.145	14 13	FEB 05, 1975	
9.415	417.145	14 15	FEB 05, 1975	



JOB NUMBER  
SPG-1122B-2

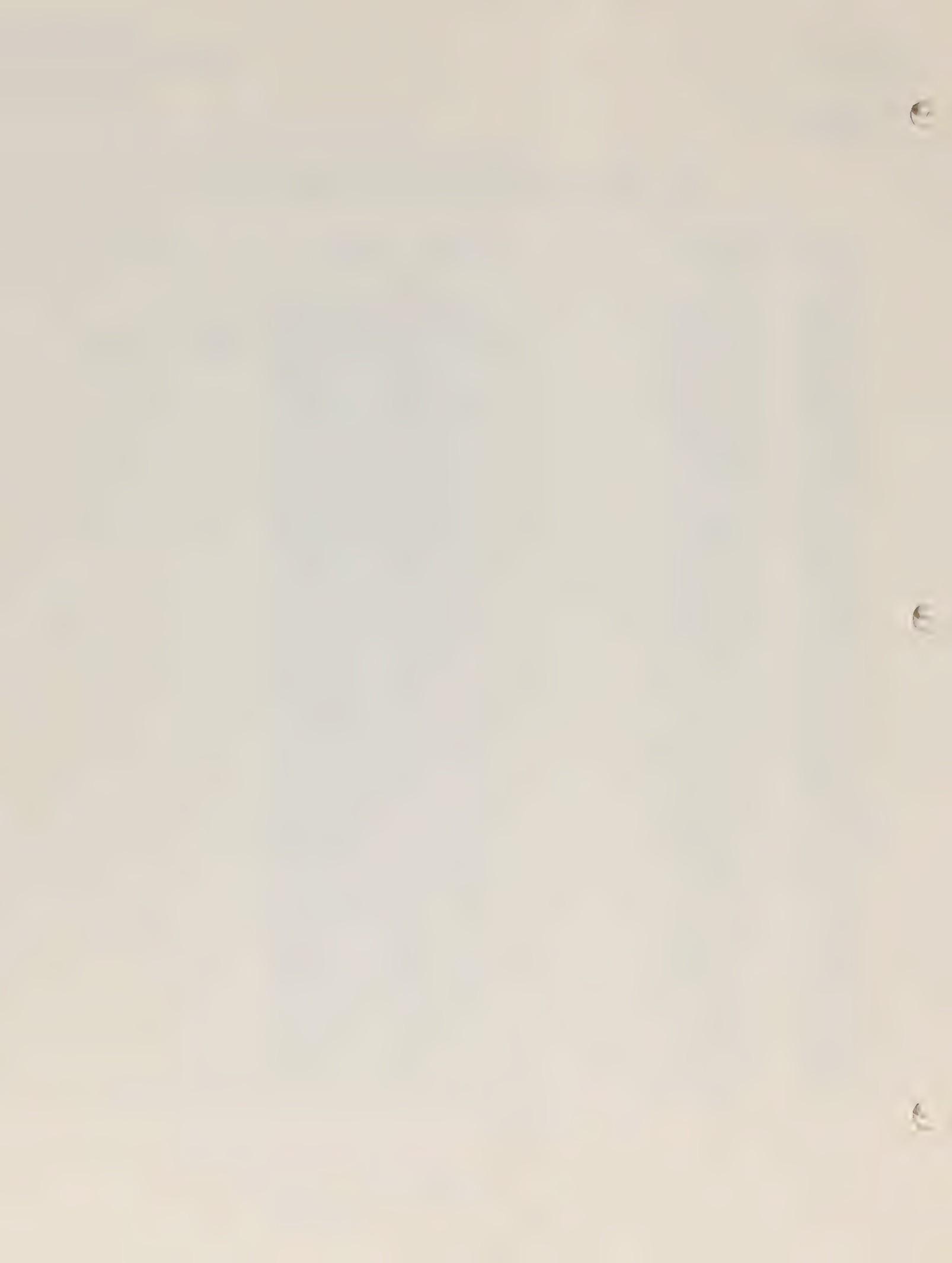
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
145 MPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
9.449	417.133	14 17	FEB 05, 1975	
9.483	417.133	14 19	FEB 05, 1975	
9.516	417.133	14 21	FEB 05, 1975	START JETTING
9.550	417.110	14 23	FEB 05, 1975	
9.584	417.110	14 25	FEB 05, 1975	
9.618	417.110	14 27	FEB 05, 1975	
9.651	417.110	14 29	FEB 05, 1975	
9.685	417.098	14 31	FEB 05, 1975	
9.719	417.121	14 33	FEB 05, 1975	
9.753	417.121	14 35	FEB 05, 1975	
9.786	417.121	14 37	FEB 05, 1975	
9.820	417.145	14 39	FEB 05, 1975	.
9.854	417.121	14 41	FEB 05, 1975	
9.888	417.121	14 43	FEB 05, 1975	
9.921	417.133	14 45	FEB 05, 1975	
9.955	417.110	14 47	FEB 05, 1975	
9.989	417.110	14 49	FEB 05, 1975	
10.023	417.133	14 51	FEB 05, 1975	
10.056	417.121	14 53	FEB 05, 1975	
10.090	417.110	14 55	FEB 05, 1975	
10.124	417.121	14 57	FEB 05, 1975	
10.158	417.133	14 59	FEB 05, 1975	
10.191	417.110	15 01	FEB 05, 1975	
10.225	417.121	15 04	FEB 05, 1975	
10.259	417.110	15 06	FEB 05, 1975	
10.293	417.098	15 08	FEB 05, 1975	
10.326	417.110	15 10	FEB 05, 1975	
10.360	417.110	15 12	FEB 05, 1975	
10.394	417.110	15 14	FEB 05, 1975	
10.428	417.097	15 16	FEB 05, 1975	
10.461	417.121	15 18	FEB 05, 1975	
10.495	417.110	15 20	FEB 05, 1975	
10.529	417.121	15 22	FEB 05, 1975	
10.562	417.098	15 24	FEB 05, 1975	
10.596	417.098	15 26	FEB 05, 1975	
10.630	417.087	15 28	FEB 05, 1975	
10.664	417.110	15 30	FEB 05, 1975	
10.697	417.087	15 32	FEB 05, 1975	
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JOB NUMBER  
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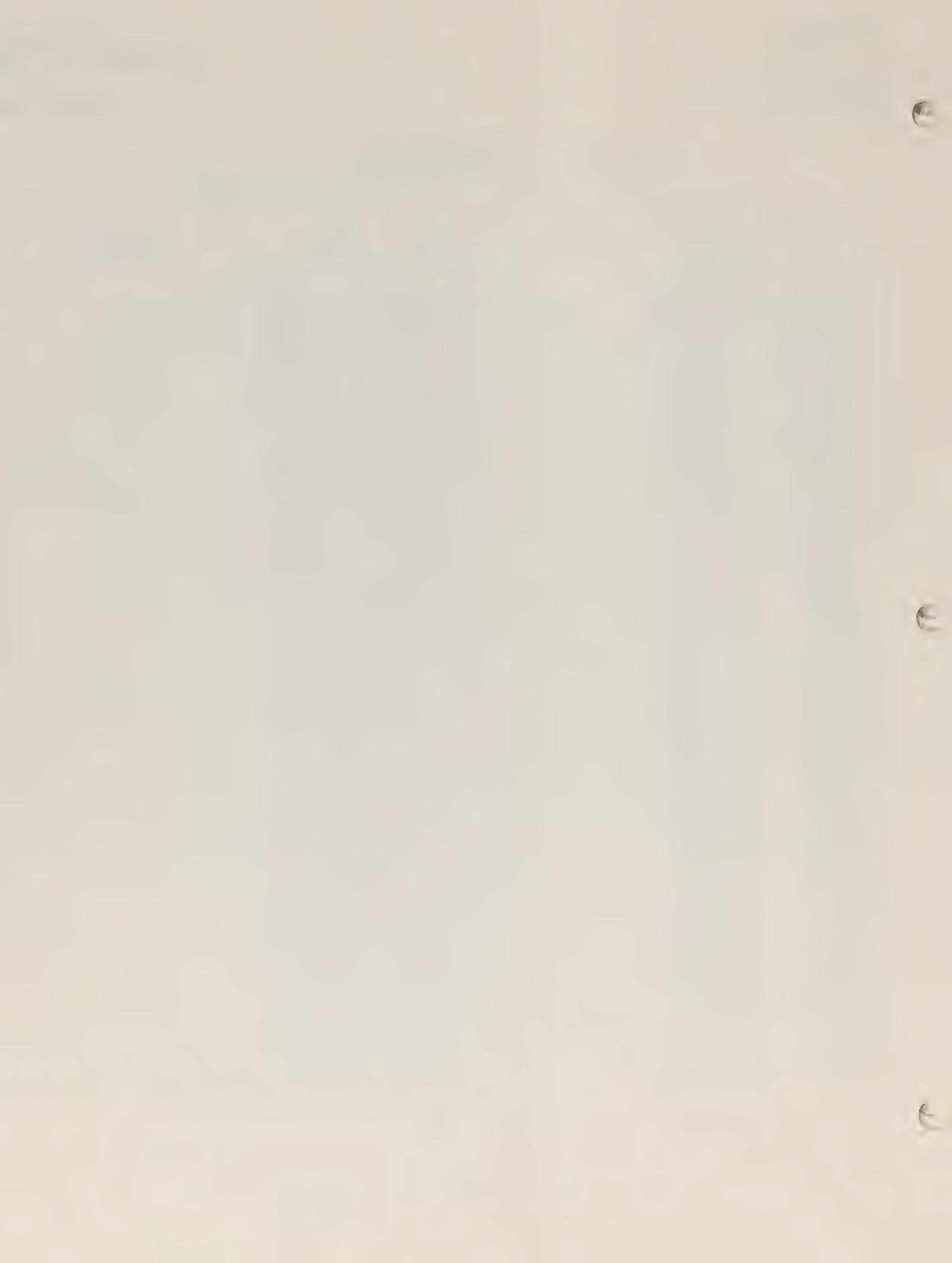
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
145 MPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
10.799	417.087	15 38	FEB 05, 1975	
10.832	417.098	15 40	FEB 05, 1975	
10.866	417.098	15 42	FEB 05, 1975	
10.900	417.067	15 44	FEB 05, 1975	
10.934	417.075	15 46	FEB 05, 1975	
10.967	417.098	15 48	FEB 05, 1975	
11.001	417.098	15 50	FEB 05, 1975	
11.035	417.075	15 52	FEB 05, 1975	
11.069	417.087	15 54	FEB 05, 1975	
11.102	417.098	15 56	FEB 05, 1975	
11.136	417.075	15 58	FEB 05, 1975	
11.170	417.075	16 00	FEB 05, 1975	.
11.204	417.075	16 02	FEB 05, 1975	
11.237	417.087	16 04	FEB 05, 1975	
11.271	417.087	16 06	FEB 05, 1975	
11.305	417.087	16 08	FEB 05, 1975	
11.339	417.098	16 10	FEB 05, 1975	
11.372	417.075	16 12	FEB 05, 1975	
11.406	417.075	16 14	FEB 05, 1975	
11.440	417.087	16 16	FEB 05, 1975	
11.474	417.063	16 18	FEB 05, 1975	
11.507	417.075	16 20	FEB 05, 1975	
11.541	417.063	16 22	FEB 05, 1975	
11.575	417.052	16 24	FEB 05, 1975	
11.609	417.052	16 27	FEB 05, 1975	
11.642	417.075	16 29	FEB 05, 1975	
11.676	417.075	16 31	FEB 05, 1975	
11.710	417.063	16 33	FEB 05, 1975	
11.744	417.087	16 35	FEB 05, 1975	
11.777	417.063	16 37	FEB 05, 1975	
11.811	417.063	16 39	FEB 05, 1975	
11.845	417.075	16 41	FEB 05, 1975	
11.879	417.075	16 43	FEB 05, 1975	
11.912	417.075	16 45	FEB 05, 1975	
11.946	417.063	16 47	FEB 05, 1975	
11.980	417.052	16 49	FEB 05, 1975	
12.014	417.063	16 51	FEB 05, 1975	
12.047	417.052	16 53	FEB 05, 1975	
12.081	417.052	16 55	FEB 05, 1975	
12.115	417.063	16 57	FEB 05, 1975	



JOB NUMBER  
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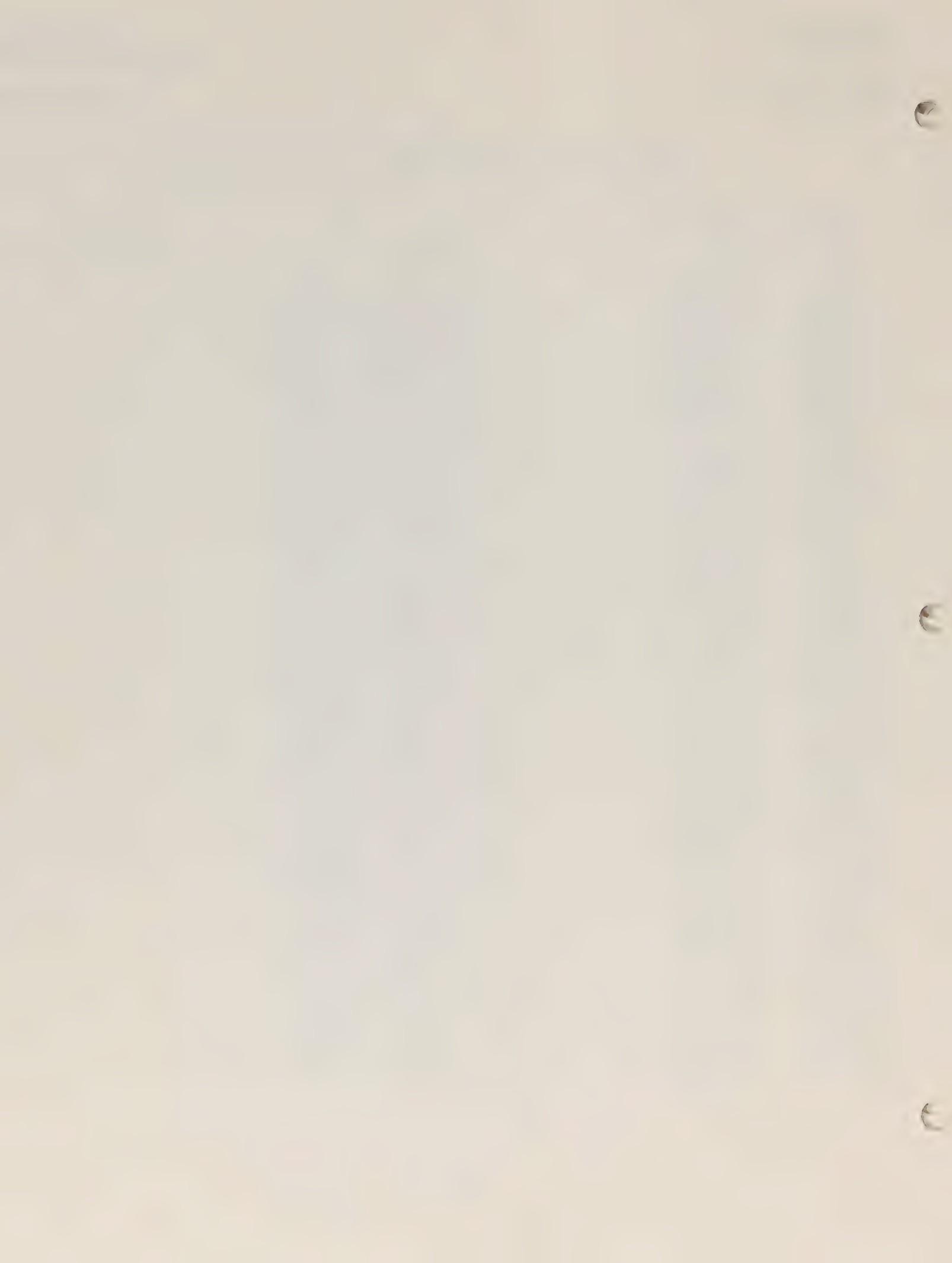
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
145 MPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
12.149	417.052	16 59	FEB 05, 1975	
12.182	417.052	17 01	FEB 05, 1975	
12.216	417.040	17 03	FEB 05, 1975	
12.250	417.052	17 05	FEB 05, 1975	
12.284	417.063	17 07	FEB 05, 1975	
12.317	417.063	17 09	FEB 05, 1975	
12.351	417.052	17 11	FEB 05, 1975	
12.385	417.052	17 13	FEB 05, 1975	
12.419	417.052	17 15	FEB 05, 1975	
12.452	417.052	17 17	FEB 05, 1975	
12.486	417.052	17 19	FEB 05, 1975	
12.520	417.040	17 21	FEB 05, 1975	
12.554	417.040	17 23	FEB 05, 1975	
12.587	417.052	17 25	FEB 05, 1975	
12.621	417.052	17 27	FEB 05, 1975	
12.655	417.052	17 29	FEB 05, 1975	
12.688	417.052	17 31	FEB 05, 1975	
12.722	417.052	17 33	FEB 05, 1975	
12.756	417.052	17 35	FEB 05, 1975	
12.790	417.052	17 37	FEB 05, 1975	
12.823	417.052	17 39	FEB 05, 1975	
12.857	417.040	17 41	FEB 05, 1975	
12.891	417.029	17 43	FEB 05, 1975	
12.925	417.052	17 45	FEB 05, 1975	
12.958	417.040	17 48	FEB 05, 1975	
12.992	417.040	17 50	FEB 05, 1975	
13.026	417.040	17 52	FEB 05, 1975	
13.060	417.040	17 54	FEB 05, 1975	
13.093	417.040	17 56	FEB 05, 1975	
13.127	417.029	17 58	FEB 05, 1975	
13.161	417.040	18 00	FEB 05, 1975	
13.195	417.029	18 02	FEB 05, 1975	
13.228	417.052	18 04	FEB 05, 1975	
13.262	417.052	18 06	FEB 05, 1975	
13.296	417.052	18 08	FEB 05, 1975	
13.330	417.040	18 10	FEB 05, 1975	
13.363	417.040	18 12	FEB 05, 1975	
13.397	417.040	18 14	FEB 05, 1975	
13.431	417.040	18 16	FEB 05, 1975	
13.465	417.040	18 18	FEB 05, 1975	



JOB NUMBER  
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DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
145 MPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
13.498	417.040	18 20	FEB 05, 1975	
13.532	417.040	18 22	FEB 05, 1975	
13.566	417.052	18 24	FEB 05, 1975	
13.600	417.052	18 26	FEB 05, 1975	
13.633	417.040	18 28	FEB 05, 1975	
13.667	417.040	18 30	FEB 05, 1975	
13.701	417.040	18 32	FEB 05, 1975	
13.735	417.029	18 34	FEB 05, 1975	
13.768	417.029	18 36	FEB 05, 1975	
13.802	417.029	18 38	FEB 05, 1975	
13.836	417.029	18 40	FEB 05, 1975	
13.870	417.017	18 42	FEB 05, 1975	
13.903	417.017	18 44	FEB 05, 1975	
13.937	417.063	18 46	FEB 05, 1975	
13.971	417.040	18 48	FEB 05, 1975	
14.005	417.052	18 50	FEB 05, 1975	
14.038	417.040	18 52	FEB 05, 1975	
14.072	417.040	18 54	FEB 05, 1975	
14.106	417.040	18 56	FEB 05, 1975	
14.140	417.029	18 58	FEB 05, 1975	
14.173	417.017	19 00	FEB 05, 1975	
14.207	417.017	19 02	FEB 05, 1975	
14.241	417.017	19 04	FEB 05, 1975	
14.275	417.029	19 06	FEB 05, 1975	
14.308	417.029	19 08	FEB 05, 1975	
14.342	417.017	19 11	FEB 05, 1975	
14.376	417.017	19 13	FEB 05, 1975	
14.410	417.005	19 15	FEB 05, 1975	
14.443	417.029	19 17	FEB 05, 1975	
14.477	417.029	19 19	FEB 05, 1975	
14.511	417.040	19 21	FEB 05, 1975	
14.545	417.040	19 23	FEB 05, 1975	
14.573	417.040	19 25	FEB 05, 1975	
14.612	417.040	19 27	FEB 05, 1975	
14.646	417.040	19 29	FEB 05, 1975	
14.680	417.017	19 31	FEB 05, 1975	
14.713	417.017	19 33	FEB 05, 1975	
14.747	417.029	19 35	FEB 05, 1975	
14.781	417.029	19 37	FEB 05, 1975	
14.814	417.005	19 39	FEB 05, 1975	

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JOB NUMBER  
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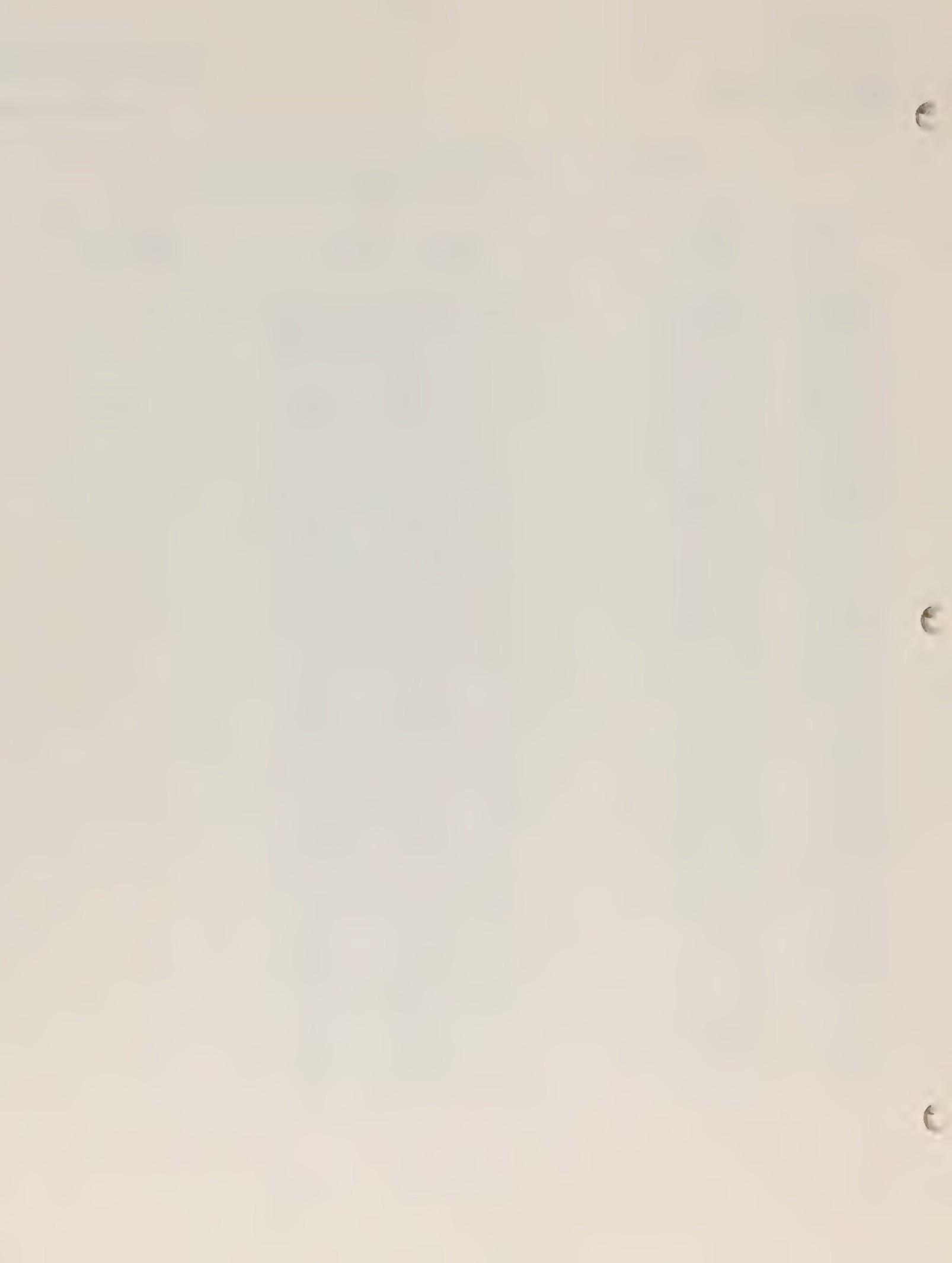
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
145 MPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
14.848	417.017	19 41	FEB 05, 1975	
14.882	417.005	19 43	FEB 05, 1975	
14.914	417.017	19 45	FEB 05, 1975	
14.949	417.017	19 47	FEB 05, 1975	
14.983	417.017	19 49	FEB 05, 1975	
15.017	417.017	19 51	FEB 05, 1975	
15.051	417.029	19 53	FEB 05, 1975	
15.084	417.017	19 55	FEB 05, 1975	
15.118	417.017	19 57	FEB 05, 1975	
15.152	417.040	19 59	FEB 05, 1975	
15.186	417.017	20 01	FEB 05, 1975	
15.219	417.017	20 03	FEB 05, 1975	
15.253	417.017	20 05	FEB 05, 1975	
15.287	417.005	20 07	FEB 05, 1975	
15.321	417.005	20 09	FEB 05, 1975	
15.354	417.029	20 11	FEB 05, 1975	
15.388	417.017	20 13	FEB 05, 1975	
15.422	417.029	20 15	FEB 05, 1975	
15.456	417.029	20 17	FEB 05, 1975	
15.480	417.029	20 19	FEB 05, 1975	
15.523	417.017	20 21	FEB 05, 1975	
15.557	417.029	20 23	FEB 05, 1975	
15.591	417.005	20 25	FEB 05, 1975	
15.624	417.005	20 27	FEB 05, 1975	
15.658	417.017	20 29	FEB 05, 1975	
15.692	417.005	20 32	FEB 05, 1975	
15.726	417.017	20 34	FEB 05, 1975	
15.759	417.005	20 36	FEB 05, 1975	
15.793	417.005	20 38	FEB 05, 1975	
15.827	417.017	20 40	FEB 05, 1975	
15.861	417.029	20 42	FEB 05, 1975	
15.894	417.017	20 44	FEB 05, 1975	
15.928	417.029	20 46	FEB 05, 1975	
15.962	417.017	20 48	FEB 05, 1975	
15.996	417.017	20 50	FEB 05, 1975	
16.029	417.017	20 52	FEB 05, 1975	
16.063	417.017	20 54	FEB 05, 1975	
16.097	417.017	20 56	FEB 05, 1975	
16.131	417.017	20 58	FEB 05, 1975	
16.164	417.005	21 00	FEB 05, 1975	



JOB NUMBER  
SPG-1122P-9

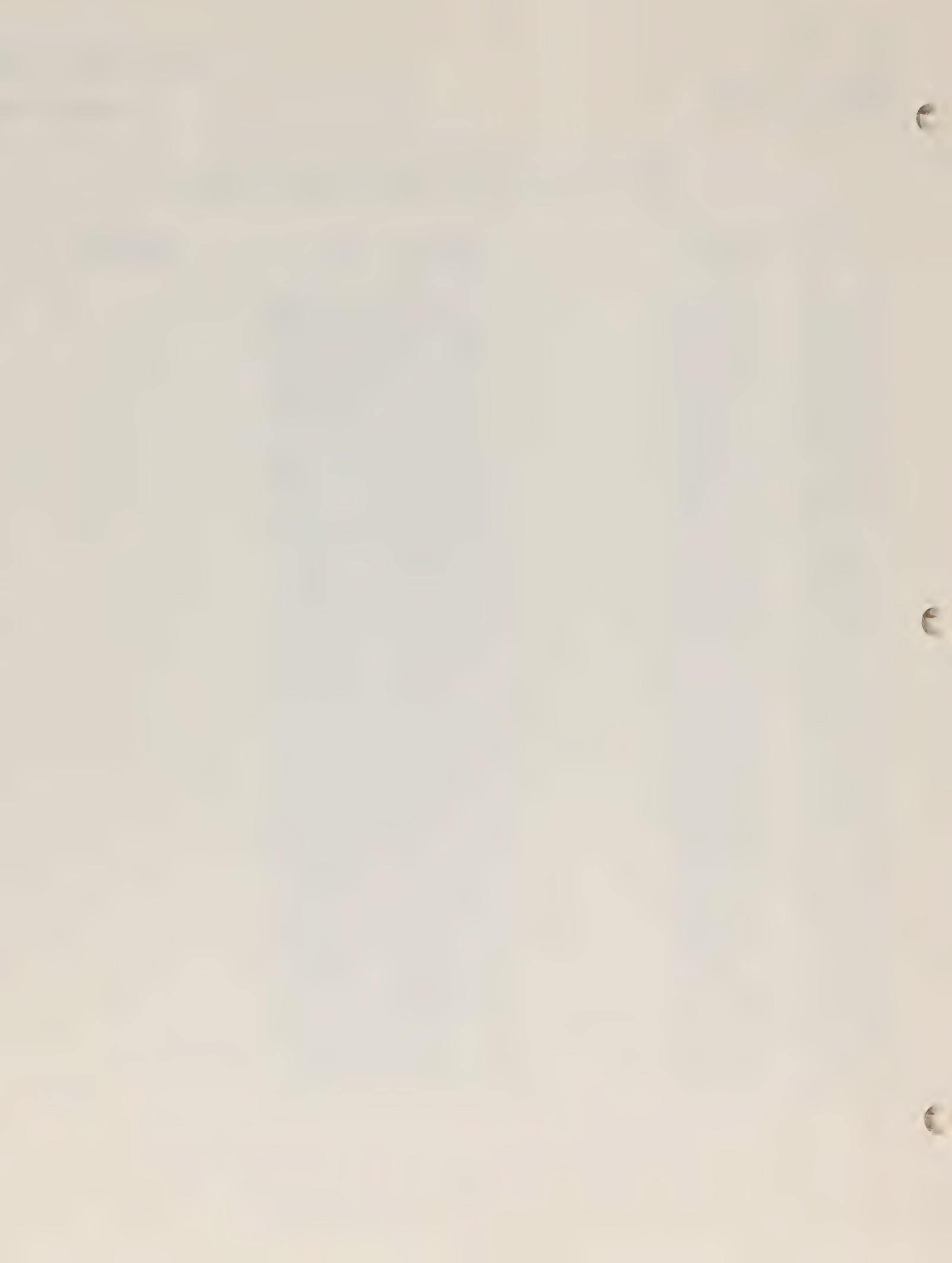
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
145 HPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
16.198	417.005	21 02	FEB 05, 1975	
16.232	417.005	21 04	FEB 05, 1975	
16.266	416.994	21 06	FEB 05, 1975	
16.299	417.005	21 08	FEB 05, 1975	
16.333	417.017	21 10	FEB 05, 1975	
16.367	417.017	21 12	FEB 05, 1975	
16.401	417.005	21 14	FEB 05, 1975	
16.434	417.005	21 16	FEB 05, 1975	
16.468	417.029	21 18	FEB 05, 1975	
16.502	417.029	21 20	FEB 05, 1975	
16.536	417.029	21 22	FEB 05, 1975	
16.569	416.994	21 24	FEB 05, 1975	
16.603	417.005	21 26	FEB 05, 1975	
16.637	416.982	21 28	FEB 05, 1975	
16.671	417.005	21 30	FEB 05, 1975	
16.704	417.005	21 32	FEB 05, 1975	
16.738	416.994	21 34	FEB 05, 1975	
16.772	416.982	21 36	FEB 05, 1975	
16.806	416.971	21 38	FEB 05, 1975	
16.839	416.994	21 40	FEB 05, 1975	
16.873	416.994	21 42	FEB 05, 1975	
16.907	417.005	21 44	FEB 05, 1975	
16.940	416.994	21 45	FEB 05, 1975	
16.974	417.005	21 48	FEB 05, 1975	
17.008	417.005	21 50	FEB 05, 1975	
17.042	416.994	21 53	FEB 05, 1975	
17.075	417.005	21 55	FEB 05, 1975	
17.109	417.005	21 57	FEB 05, 1975	
17.143	417.005	21 59	FEB 05, 1975	
17.177	417.005	22 01	FEB 05, 1975	
17.210	416.994	22 03	FEB 05, 1975	
17.244	417.005	22 05	FEB 05, 1975	
17.278	416.994	22 07	FEB 05, 1975	
17.312	417.005	22 09	FEB 05, 1975	
17.345	416.994	22 11	FEB 05, 1975	
17.379	416.994	22 13	FEB 05, 1975	
17.413	416.994	22 15	FEB 05, 1975	
17.447	416.994	22 17	FEB 05, 1975	
17.480	416.994	22 19	FEB 05, 1975	
17.514	416.994	22 21	FEB 05, 1975	



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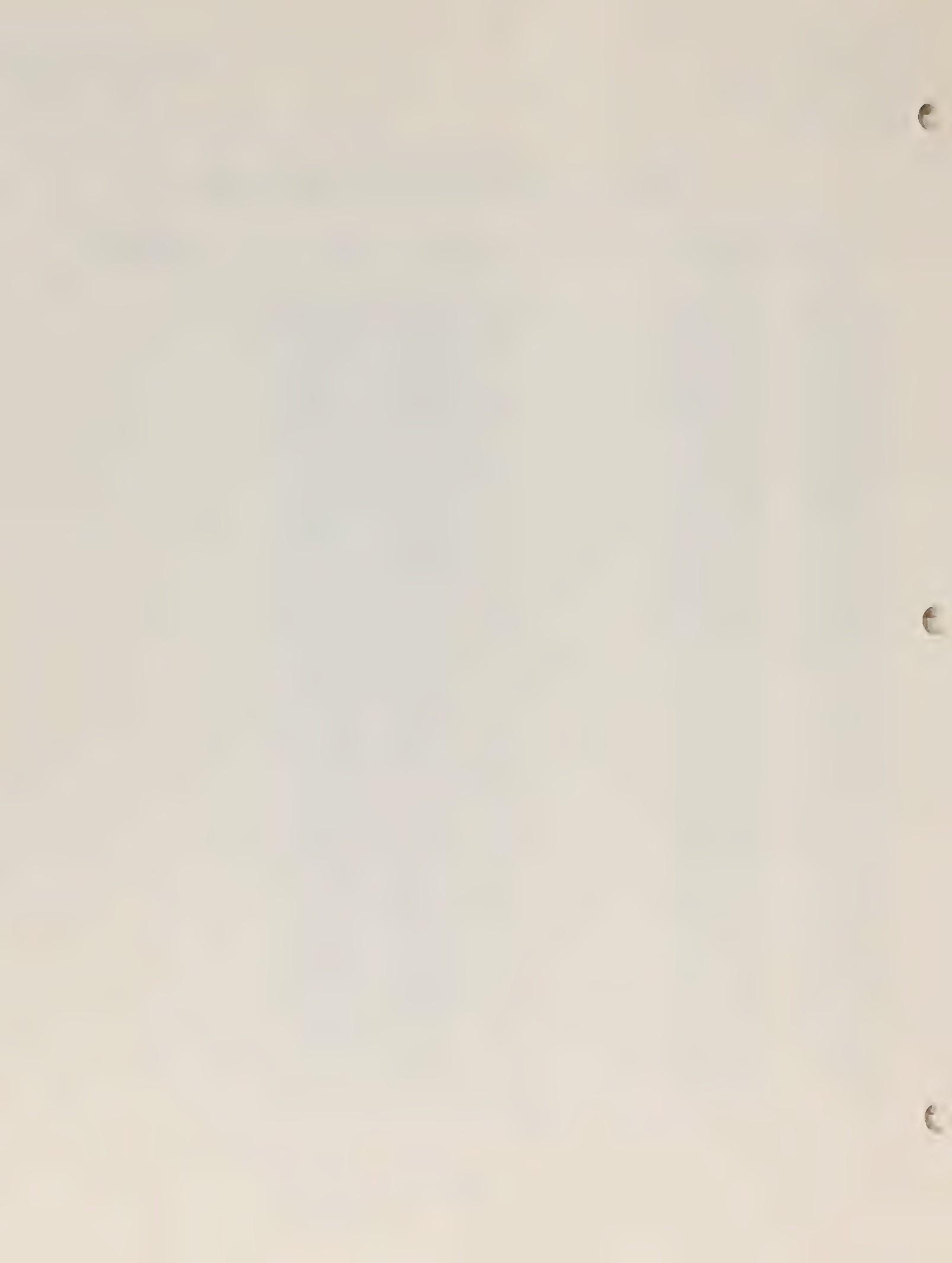
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
145 MPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME	DATE	COMMENTS
		HR MIN		
17.546	416.982	22 23	FEB 05, 1975	
17.582	416.994	22 25	FEB 05, 1975	
17.615	416.994	22 27	FEB 05, 1975	
17.649	416.994	22 29	FEB 05, 1975	
17.683	417.017	22 31	FEB 05, 1975	
17.717	417.017	22 33	FEB 05, 1975	
17.750	417.005	22 35	FEB 05, 1975	
17.784	417.005	22 37	FEB 05, 1975	
17.818	417.017	22 39	FEB 05, 1975	
17.852	417.005	22 41	FEB 05, 1975	
17.885	417.017	22 43	FEB 05, 1975	
17.919	416.994	22 45	FEB 05, 1975	
17.953	417.017	22 47	FEB 05, 1975	
17.987	416.994	22 49	FEB 05, 1975	
18.020	417.005	22 51	FEB 05, 1975	
18.054	417.005	22 53	FEB 05, 1975	
18.088	417.005	22 55	FEB 05, 1975	
18.122	417.005	22 57	FEB 05, 1975	
18.155	417.029	22 59	FEB 05, 1975	
18.189	417.017	23 01	FEB 05, 1975	
18.223	417.029	23 03	FEB 05, 1975	
18.257	417.017	23 05	FEB 05, 1975	
18.290	417.017	23 07	FEB 05, 1975	
18.324	417.005	23 09	FEB 05, 1975	
18.358	417.017	23 11	FEB 05, 1975	
18.392	416.994	23 13	FEB 05, 1975	
18.425	416.994	23 16	FEB 05, 1975	
18.459	416.994	23 18	FEB 05, 1975	
18.493	417.005	23 20	FEB 05, 1975	
18.527	417.005	23 22	FEB 05, 1975	
18.560	416.994	23 24	FEB 05, 1975	
18.594	416.994	23 26	FEB 05, 1975	
18.628	417.017	23 28	FEB 05, 1975	
18.662	417.005	23 30	FEB 05, 1975	
18.695	417.005	23 32	FEB 05, 1975	
18.729	417.005	23 34	FEB 05, 1975	
18.763	417.005	23 36	FEB 05, 1975	
18.797	417.005	23 38	FEB 05, 1975	
18.830	417.005	23 40	FEB 05, 1975	
18.864	416.994	23 42	FEB 05, 1975	



JOB NUMBER  
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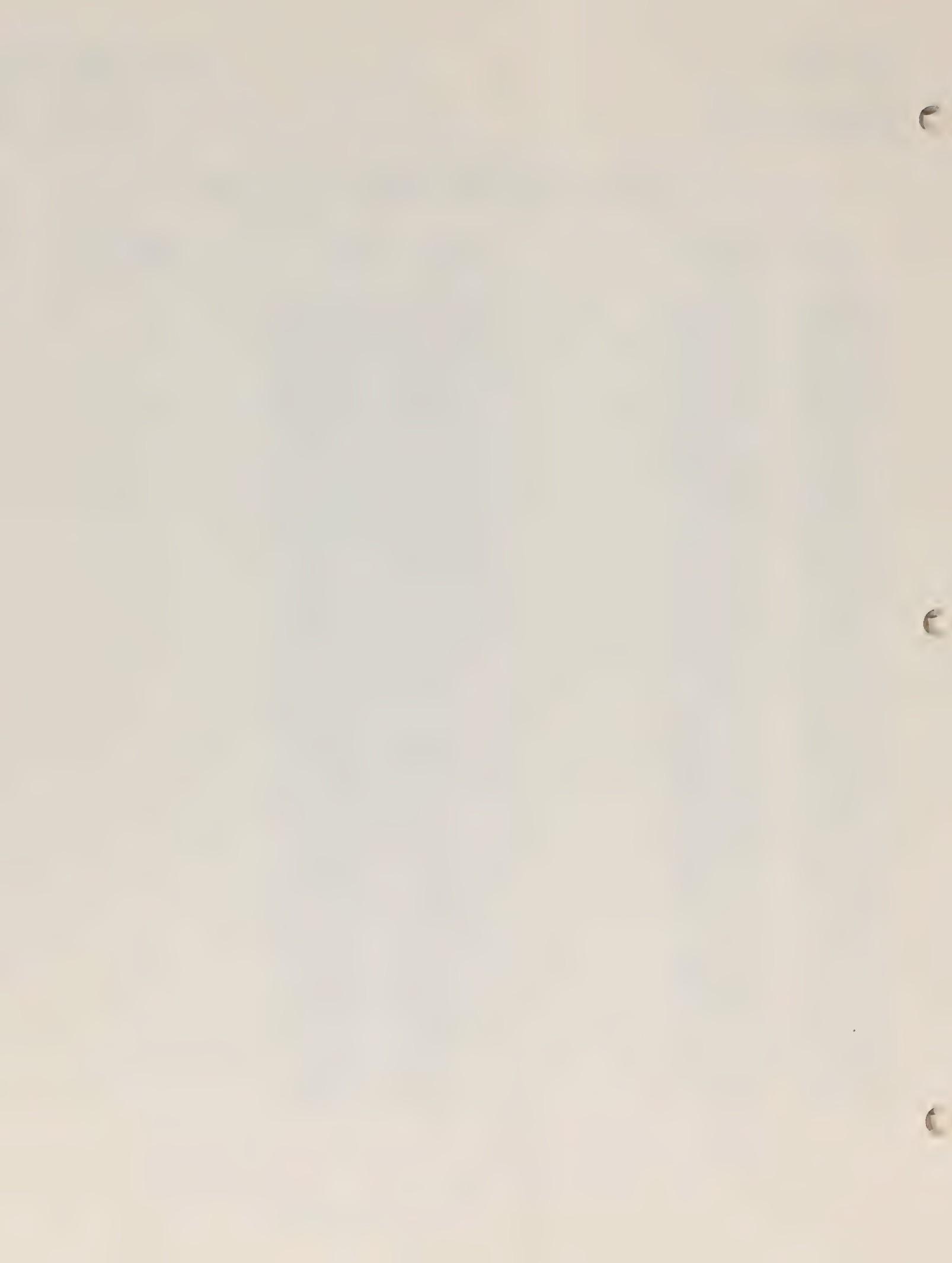
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
145 MPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
18.898	416.994	23 44	FEB 05, 1975	
18.932	417.005	23 46	FEB 05, 1975	
18.965	417.005	23 48	FEB 05, 1975	
18.999	416.994	23 50	FEB 05, 1975	
19.033	417.005	23 52	FEB 05, 1975	
19.066	417.005	23 54	FEB 05, 1975	
19.100	417.005	23 56	FEB 05, 1975	
19.133	417.017	23 58	FEB 05, 1975	
19.168	417.005	00 00	FEB 06, 1975	
19.201	417.005	00 02	FEB 06, 1975	
19.235	417.005	00 04	FEB 06, 1975	
19.269	417.005	00 06	FEB 06, 1975	
19.303	417.017	00 08	FEB 06, 1975	
19.336	417.005	00 10	FEB 06, 1975	
19.370	417.005	00 12	FEB 06, 1975	
19.404	417.017	00 14	FEB 06, 1975	
19.438	417.017	00 16	FEB 06, 1975	
19.471	417.005	00 18	FEB 06, 1975	
19.505	416.994	00 20	FEB 06, 1975	
19.539	417.005	00 22	FEB 06, 1975	
19.573	417.005	00 24	FEB 06, 1975	
19.606	417.005	00 26	FEB 06, 1975	
19.640	417.005	00 28	FEB 06, 1975	
19.674	417.005	00 30	FEB 06, 1975	
19.708	416.994	00 32	FEB 06, 1975	
19.741	416.994	00 34	FEB 06, 1975	
19.775	416.994	00 37	FEB 06, 1975	
19.809	416.994	00 39	FEB 06, 1975	
19.843	416.994	00 41	FEB 06, 1975	
19.876	416.994	00 43	FEB 06, 1975	
19.910	416.982	00 45	FEB 06, 1975	
19.944	416.982	00 47	FEB 06, 1975	
19.978	416.994	00 49	FEB 06, 1975	
20.011	416.994	00 51	FEB 06, 1975	
20.045	416.982	00 53	FEB 06, 1975	
20.079	416.982	00 55	FEB 06, 1975	
20.113	416.982	00 57	FEB 06, 1975	
20.146	417.005	00 59	FEB 06, 1975	
20.180	417.005	01 01	FEB 06, 1975	
20.214	416.982	01 03	FEB 06, 1975	



JOB NUMBER  
SPG-11228-4

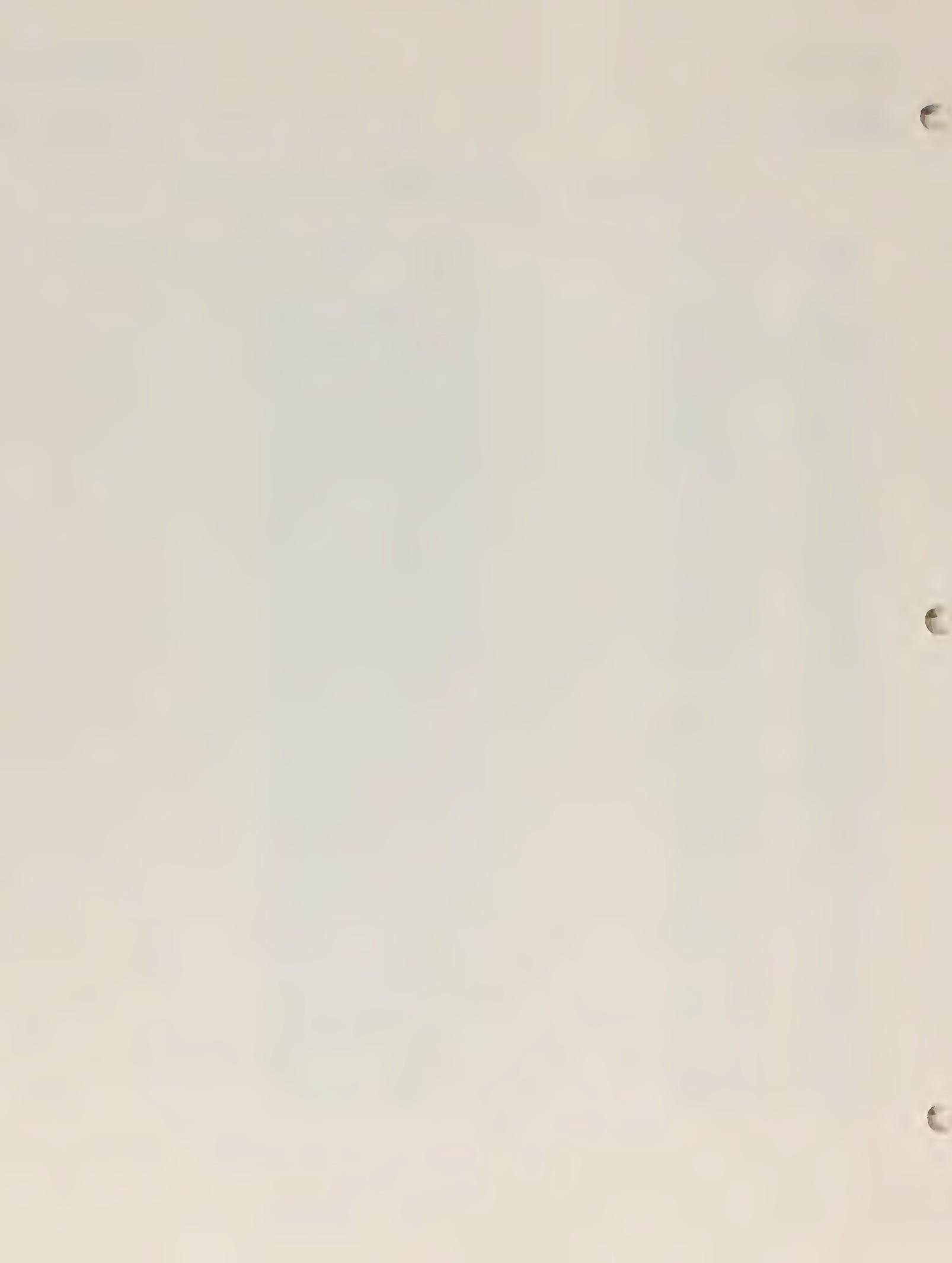
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
145 MPT-10

DATE OF RUN

SPERRY-SIJN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
20.248	416.005	01 05	FEB 06, 1975	
20.281	416.982	01 07	FEB 06, 1975	
20.315	416.982	01 09	FEB 06, 1975	
20.349	416.982	01 11	FEB 06, 1975	
20.383	416.982	01 13	FEB 06, 1975	
20.416	416.982	01 15	FEB 06, 1975	
20.450	416.982	01 17	FEB 06, 1975	
20.484	416.982	01 19	FEB 06, 1975	
20.518	417.005	01 21	FEB 06, 1975	
20.551	416.994	01 23	FEB 06, 1975	
20.585	416.994	01 25	FEB 06, 1975	
20.619	416.982	01 27	FEB 06, 1975	
20.653	416.971	01 29	FEB 06, 1975	
20.686	416.982	01 31	FEB 06, 1975	
20.720	416.971	01 33	FEB 06, 1975	
20.754	416.982	01 35	FEB 06, 1975	
20.788	416.962	01 37	FEB 06, 1975	
20.821	416.962	01 39	FEB 06, 1975	
20.855	416.971	01 41	FEB 06, 1975	
20.889	416.942	01 43	FEB 06, 1975	
20.923	416.982	01 45	FEB 06, 1975	
20.956	416.971	01 47	FEB 06, 1975	
20.990	416.982	01 49	FEB 06, 1975	
21.024	416.971	01 51	FEB 06, 1975	
21.058	416.971	01 53	FEB 06, 1975	
21.091	416.994	01 55	FEB 06, 1975	
21.125	416.982	01 57	FEB 06, 1975	
21.159	416.992	02 00	FEB 06, 1975	
21.192	416.982	02 02	FEB 06, 1975	
21.226	416.982	02 04	FEB 06, 1975	
21.260	416.971	02 06	FEB 06, 1975	
21.294	416.952	02 08	FEB 06, 1975	
21.327	416.982	02 10	FEB 06, 1975	
21.361	416.982	02 12	FEB 06, 1975	
21.395	416.962	02 14	FEB 06, 1975	
21.429	416.962	02 16	FEB 06, 1975	
21.462	416.982	02 18	FEB 06, 1975	
21.496	416.942	02 20	FEB 06, 1975	
21.530	416.982	02 22	FEB 06, 1975	
21.564	416.994	02 24	FEB 06, 1975	



JOB NUMBER  
SPG-1122B-1

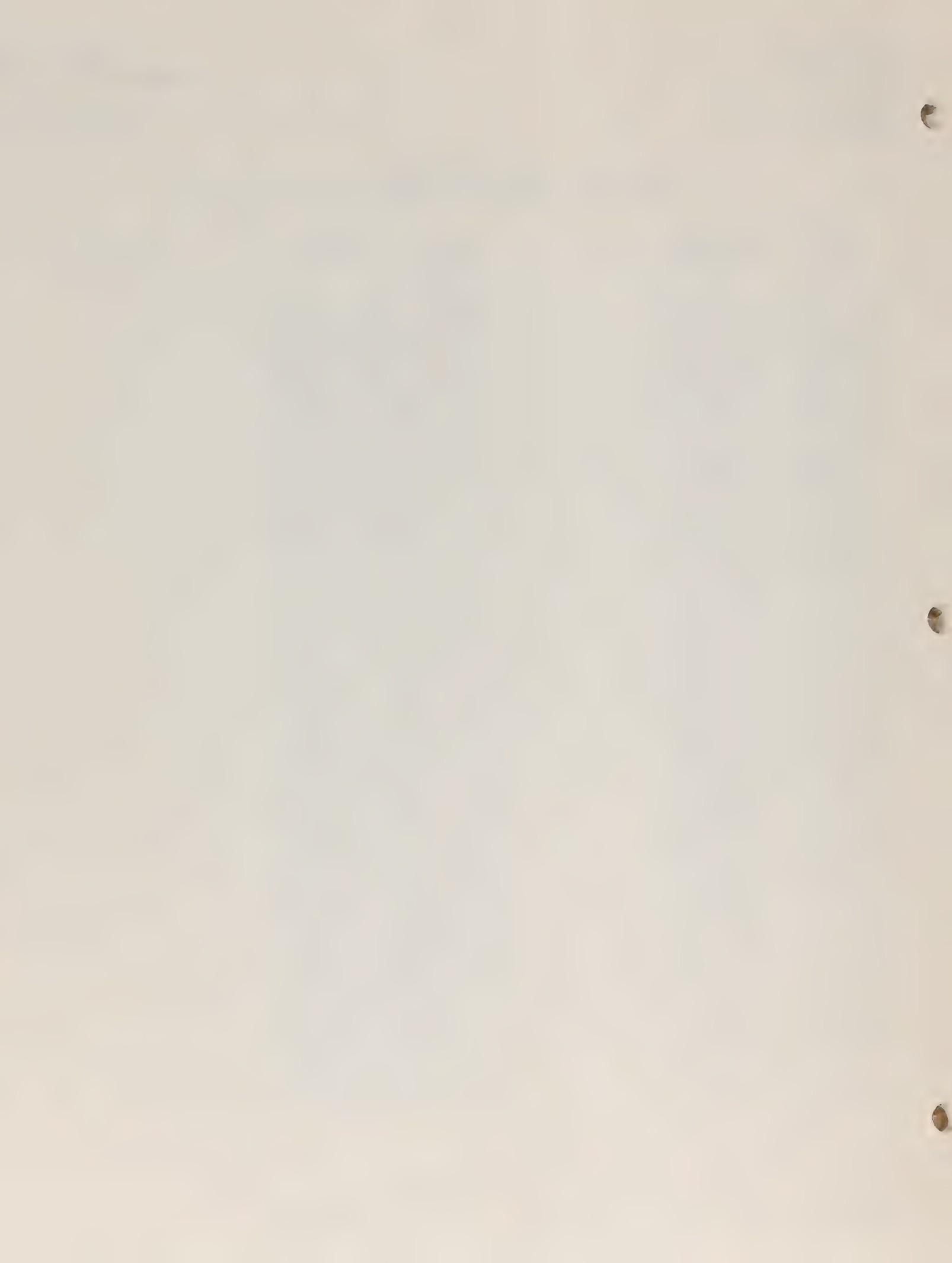
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/PUMP NUMBER  
145 MPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
21.597	416.994	02 26	FEB 06, 1975	
21.631	416.994	02 28	FEB 06, 1975	
21.665	416.994	02 30	FEB 06, 1975	
21.699	416.902	02 32	FEB 06, 1975	
21.732	416.982	02 34	FEB 06, 1975	
21.766	416.994	02 36	FEB 06, 1975	
21.800	416.994	02 38	FEB 06, 1975	
21.834	416.982	02 40	FEB 06, 1975	
21.867	416.952	02 42	FEB 06, 1975	
21.901	416.982	02 44	FEB 06, 1975	
21.935	416.994	02 46	FEB 06, 1975	
21.969	416.982	02 48	FEB 06, 1975	
22.002	417.005	02 50	FEB 06, 1975	
22.036	416.994	02 52	FEB 06, 1975	
22.070	416.994	02 54	FEB 06, 1975	
22.104	416.994	02 56	FEB 06, 1975	
22.137	416.994	02 58	FEB 06, 1975	
22.171	416.994	03 00	FEB 06, 1975	
22.205	416.994	03 02	FEB 06, 1975	
22.239	416.982	03 04	FEB 06, 1975	
22.272	416.982	03 06	FEB 06, 1975	
22.306	416.982	03 08	FEB 06, 1975	
22.340	416.982	03 10	FEB 06, 1975	
22.374	416.982	03 12	FEB 06, 1975	
22.407	416.994	03 14	FEB 06, 1975	
22.441	416.902	03 16	FEB 06, 1975	
22.475	416.982	03 18	FEB 06, 1975	
22.509	416.982	03 21	FEB 06, 1975	
22.542	416.982	03 23	FEB 06, 1975	
22.576	416.982	03 25	FEB 06, 1975	
22.610	416.982	03 27	FEB 06, 1975	
22.644	416.982	03 29	FEB 06, 1975	
22.677	416.982	03 31	FEB 06, 1975	
22.711	416.994	03 33	FEB 06, 1975	
22.745	416.994	03 35	FEB 06, 1975	
22.779	416.994	03 37	FEB 06, 1975	
22.812	417.005	03 39	FEB 06, 1975	
22.846	417.005	03 41	FEB 06, 1975	
22.880	416.994	03 43	FEB 06, 1975	
22.914	416.994	03 45	FEB 06, 1975	



JOB NUMBER  
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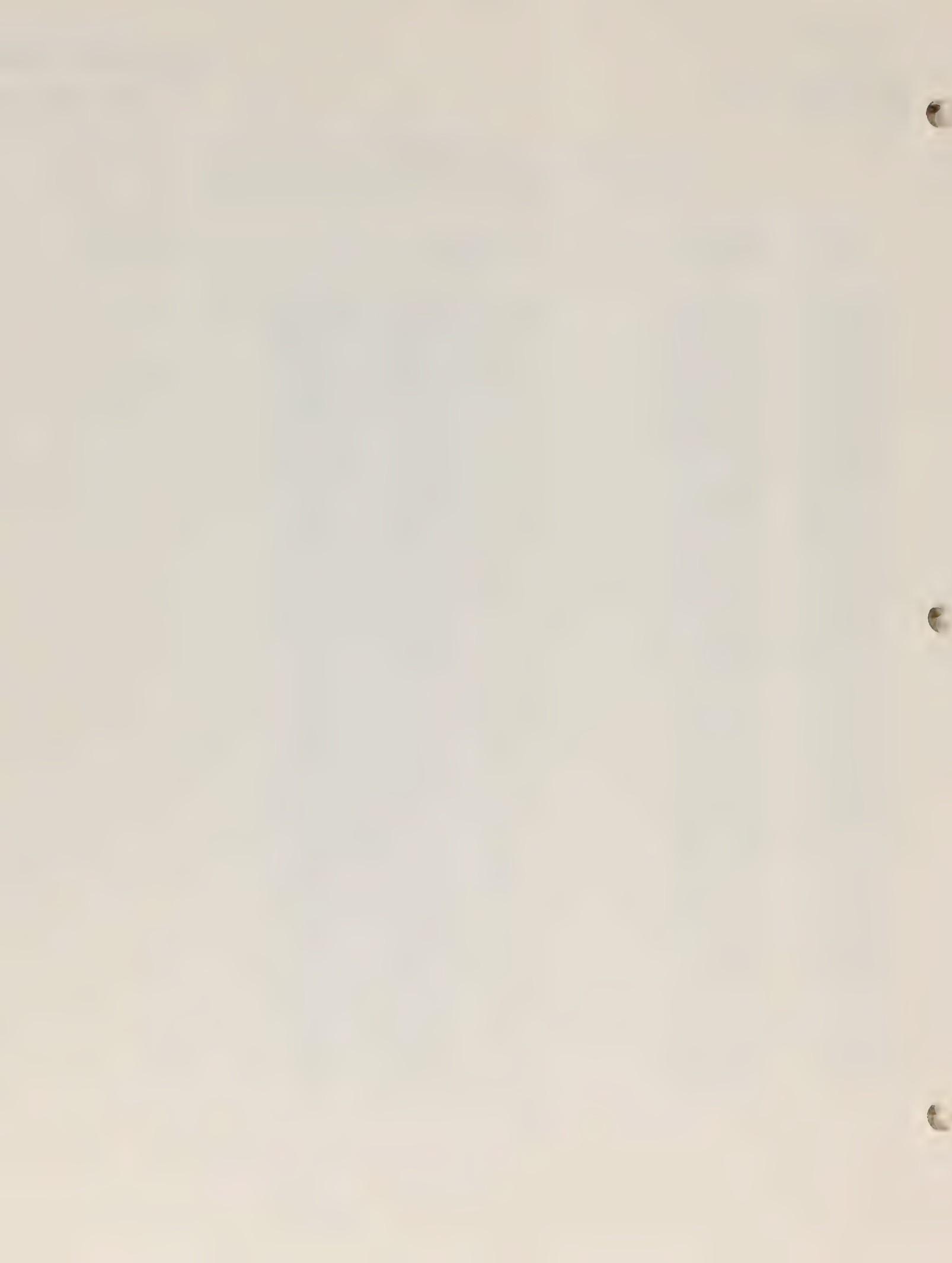
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
145 MPT-10

DATE OF RUN

SPERRY-SIN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELT A	PRESSURE	TIME	DATE	COMMENTS
TIME	(PST)	HR MIN		
22.947	416.994	03 47	FEB 06, 1975	
22.981	416.994	03 49	FEB 06, 1975	
23.015	416.994	03 51	FEB 06, 1975	
23.049	416.994	03 53	FEB 06, 1975	
23.082	416.994	03 55	FEB 06, 1975	
23.116	416.982	03 57	FEB 06, 1975	
23.150	416.982	03 59	FEB 06, 1975	
23.184	416.982	04 01	FEB 06, 1975	
23.217	416.982	04 03	FEB 06, 1975	
23.251	416.982	04 05	FEB 06, 1975	
23.285	416.982	04 07	FEB 06, 1975	
23.318	416.982	04 09	FEB 06, 1975	
23.352	416.994	04 11	FEB 06, 1975	
23.386	416.982	04 13	FEB 06, 1975	
23.420	416.994	04 15	FEB 06, 1975	
23.453	416.994	04 17	FEB 06, 1975	
23.487	416.994	04 19	FEB 06, 1975	
23.521	416.994	04 21	FEB 06, 1975	
23.555	416.982	04 23	FEB 06, 1975	
23.588	417.005	04 25	FEB 06, 1975	
23.622	417.005	04 27	FEB 06, 1975	
23.656	417.005	04 29	FEB 06, 1975	
23.690	416.994	04 31	FEB 06, 1975	
23.723	416.994	04 33	FEB 06, 1975	
23.757	416.994	04 35	FEB 06, 1975	
23.791	416.994	04 37	FEB 06, 1975	
23.825	416.982	04 39	FEB 06, 1975	
23.859	416.994	04 42	FEB 06, 1975	
23.892	416.982	04 44	FEB 06, 1975	
23.926	416.971	04 46	FEB 06, 1975	
23.960	416.994	04 48	FEB 06, 1975	
23.993	416.934	04 50	FEB 06, 1975	
24.027	416.982	04 52	FEB 06, 1975	
24.061	416.994	04 54	FEB 06, 1975	
24.095	416.994	04 56	FEB 06, 1975	
24.128	417.005	04 58	FEB 06, 1975	
24.162	416.982	05 00	FEB 06, 1975	
24.196	416.982	05 02	FEB 06, 1975	
24.230	416.994	05 04	FEB 06, 1975	
24.263	417.005	05 06	FEB 06, 1975	



JOB NUMBER  
SPG-1122R-IV

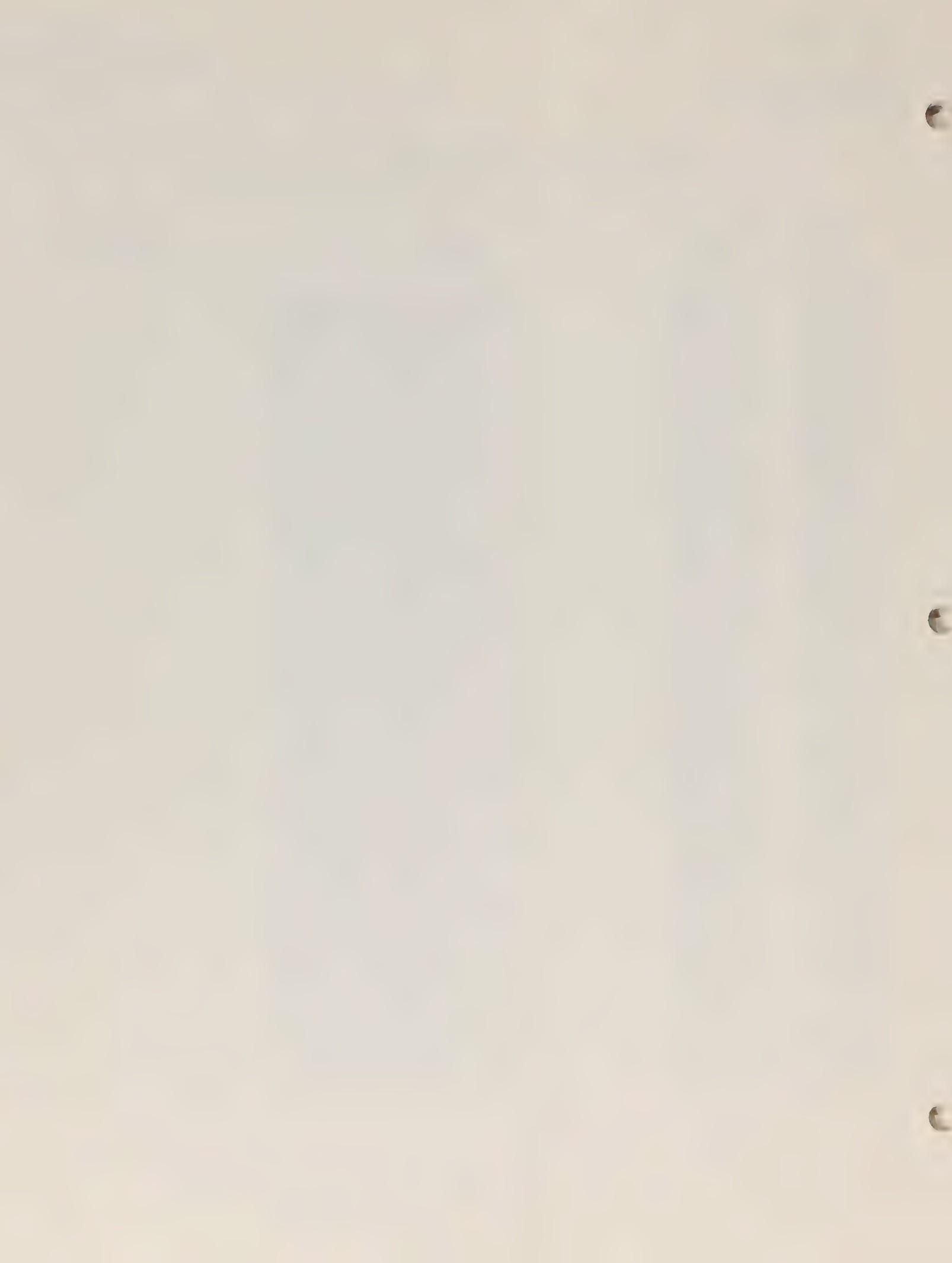
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
145 MPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
24.297	417.005	05	08 FEB 06, 1975	
24.331	416.994	05	10 FEB 06, 1975	
24.365	417.005	05	12 FEB 06, 1975	
24.398	417.017	05	14 FEB 06, 1975	
24.432	417.005	05	16 FEB 06, 1975	
24.466	417.005	05	19 FEB 06, 1975	
24.500	417.017	05	20 FEB 06, 1975	
24.533	417.017	05	22 FEB 06, 1975	
24.567	417.017	05	24 FEB 06, 1975	
24.601	417.005	05	26 FEB 06, 1975	
24.635	417.005	05	28 FEB 06, 1975	
24.668	417.005	05	30 FEB 06, 1975	
24.702	416.994	05	32 FEB 06, 1975	
24.736	416.994	05	34 FEB 06, 1975	
24.770	416.994	05	36 FEB 06, 1975	
24.803	416.994	05	38 FEB 06, 1975	
24.837	416.994	05	40 FEB 06, 1975	
24.871	416.994	05	42 FEB 06, 1975	
24.905	417.005	05	44 FEB 06, 1975	
24.938	416.994	05	46 FEB 06, 1975	
24.972	416.994	05	48 FEB 06, 1975	
25.006	416.994	05	50 FEB 06, 1975	
25.040	416.971	05	52 FEB 06, 1975	
25.073	416.994	05	54 FEB 06, 1975	
25.107	416.994	05	56 FEB 06, 1975	
25.141	416.994	05	58 FEB 06, 1975	
25.175	416.994	06	00 FEB 06, 1975	
25.208	416.994	05	02 FEB 06, 1975	
25.242	416.994	06	05 FEB 06, 1975	
25.276	416.994	06	07 FEB 06, 1975	
25.310	417.005	06	09 FEB 06, 1975	
25.343	416.994	06	11 FEB 06, 1975	
25.377	416.994	06	13 FEB 06, 1975	
25.411	416.994	06	15 FEB 06, 1975	
25.444	417.005	06	17 FEB 06, 1975	
25.478	417.017	06	19 FEB 06, 1975	
25.512	416.994	06	21 FEB 06, 1975	
25.546	417.005	06	23 FEB 06, 1975	
25.579	417.017	06	25 FEB 06, 1975	
25.613	417.005	06	27 FEB 06, 1975	



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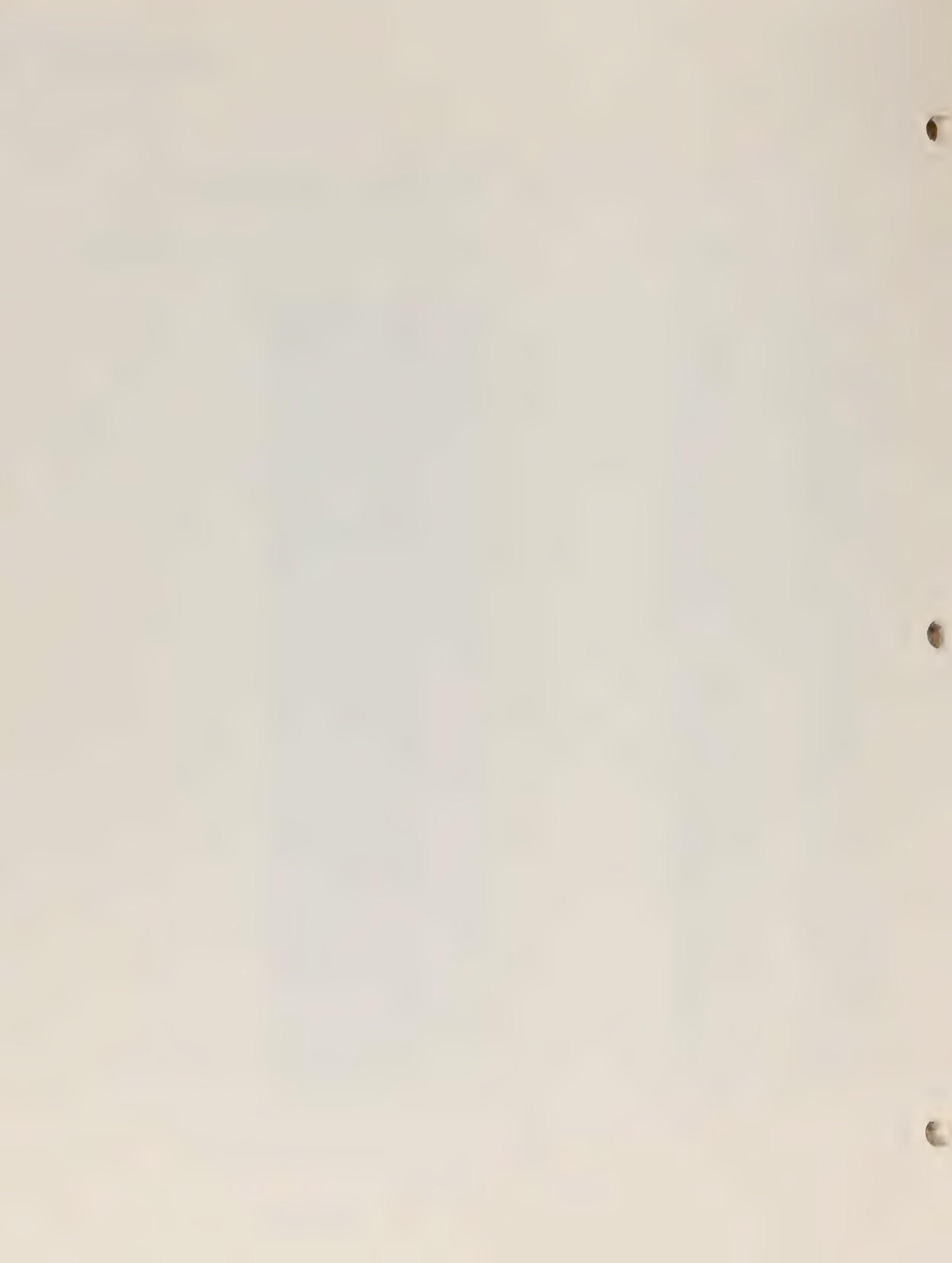
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
145 MPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
25.647	417.005	06 29	FEB 06, 1975	
25.681	416.994	06 31	FEB 06, 1975	
25.714	416.994	06 33	FEB 06, 1975	
25.748	417.017	06 35	FEB 06, 1975	
25.782	417.005	06 37	FEB 06, 1975	
25.816	417.005	06 39	FEB 06, 1975	
25.849	416.994	06 41	FEB 06, 1975	
25.883	416.994	06 43	FEB 06, 1975	
25.917	416.982	06 45	FEB 06, 1975	
25.951	416.982	06 47	FEB 06, 1975	
25.984	416.994	06 49	FEB 06, 1975	
26.018	416.994	06 51	FEB 06, 1975	
26.052	417.005	06 53	FEB 06, 1975	
26.086	417.005	06 55	FEB 06, 1975	
26.119	416.982	06 57	FEB 06, 1975	
26.153	417.005	06 59	FEB 06, 1975	
26.187	417.005	07 01	FEB 06, 1975	
26.221	417.005	07 03	FEB 06, 1975	
26.254	417.005	07 05	FEB 06, 1975	
26.284	417.005	07 07	FEB 06, 1975	
26.322	416.994	07 09	FEB 06, 1975	
26.356	416.982	07 11	FEB 06, 1975	
26.389	416.994	07 13	FEB 06, 1975	
26.423	416.994	07 15	FEB 06, 1975	
26.457	416.994	07 17	FEB 06, 1975	
26.491	416.982	07 19	FEB 06, 1975	
26.524	416.971	07 21	FEB 06, 1975	
26.558	416.994	07 23	FEB 06, 1975	
26.592	416.994	07 26	FEB 06, 1975	
26.626	416.982	07 28	FEB 06, 1975	
26.659	417.005	07 30	FEB 06, 1975	
26.693	417.005	07 32	FEB 06, 1975	
26.727	416.994	07 34	FEB 06, 1975	
26.761	417.005	07 36	FEB 06, 1975	
26.794	417.005	07 38	FEB 06, 1975	
26.828	417.005	07 40	FEB 06, 1975	
26.862	416.994	07 42	FEB 06, 1975	
26.896	417.005	07 44	FEB 06, 1975	
26.929	417.005	07 46	FEB 06, 1975	
26.963	417.005	07 48	FEB 06, 1975	



JOB NUMBER  
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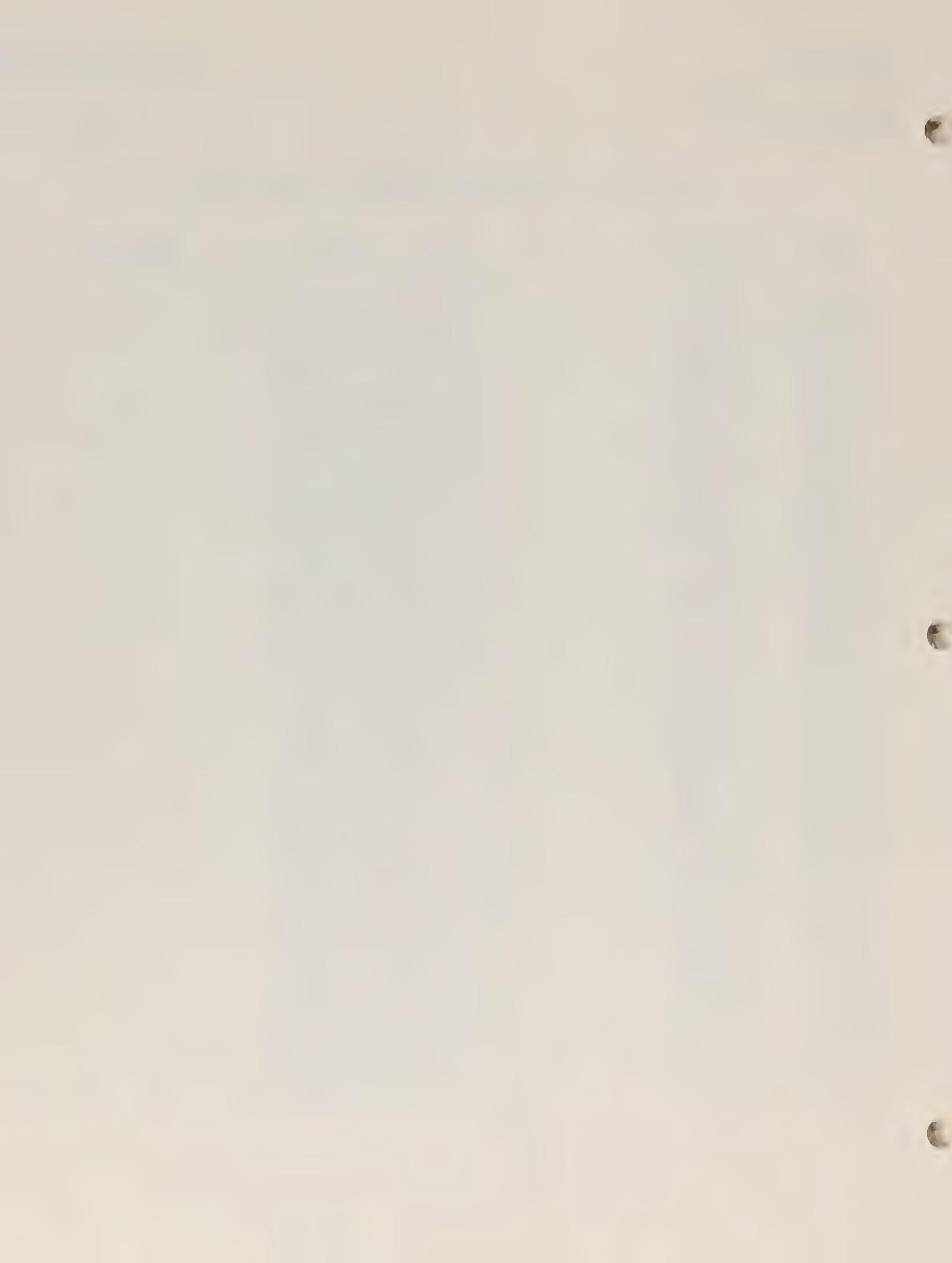
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
145 MPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
26.997	416.994	07 50	FEB 06, 1975	
27.031	416.994	07 52	FEB 06, 1975	
27.064	416.994	07 54	FEB 06, 1975	
27.098	416.994	07 56	FEB 06, 1975	
27.132	416.994	07 58	FEB 06, 1975	
27.166	416.994	08 00	FEB 06, 1975	
27.199	416.994	08 02	FEB 06, 1975	
27.233	416.994	08 04	FEB 06, 1975	
27.267	416.982	08 06	FEB 06, 1975	
27.301	416.982	08 08	FEB 06, 1975	
27.334	416.971	08 10	FEB 06, 1975	
27.368	417.005	08 12	FEB 06, 1975	
27.402	417.005	08 14	FEB 06, 1975	
27.435	417.005	08 16	FEB 06, 1975	
27.469	417.005	08 18	FEB 06, 1975	
27.503	417.005	08 20	FEB 06, 1975	
27.537	417.005	08 22	FEB 06, 1975	
27.570	416.994	08 24	FEB 06, 1975	
27.604	416.994	08 26	FEB 06, 1975	
27.638	416.982	08 28	FEB 06, 1975	
27.672	416.994	08 30	FEB 06, 1975	
27.705	416.994	08 32	FEB 06, 1975	
27.739	416.982	08 34	FEB 06, 1975	
27.773	416.982	08 36	FEB 06, 1975	
27.807	416.994	08 38	FEB 06, 1975	
27.841	416.994	08 40	FEB 06, 1975	
27.874	416.994	08 42	FEB 06, 1975	
27.908	416.994	08 44	FEB 06, 1975	
27.942	417.005	08 47	FEB 06, 1975	
27.975	416.982	08 49	FEB 06, 1975	
28.009	416.982	08 51	FEB 06, 1975	
28.043	416.982	08 53	FEB 06, 1975	
28.077	416.982	08 55	FEB 06, 1975	
28.110	416.994	08 57	FEB 06, 1975	
28.144	416.982	08 59	FEB 06, 1975	
28.178	416.982	09 01	FEB 06, 1975	
28.212	416.982	09 03	FEB 06, 1975	
28.246	416.994	09 05	FEB 06, 1975	
28.279	416.994	09 07	FEB 06, 1975	
28.312	416.982	09 09	FEB 06, 1975	



JOB NUMBER  
SPG-11223-9

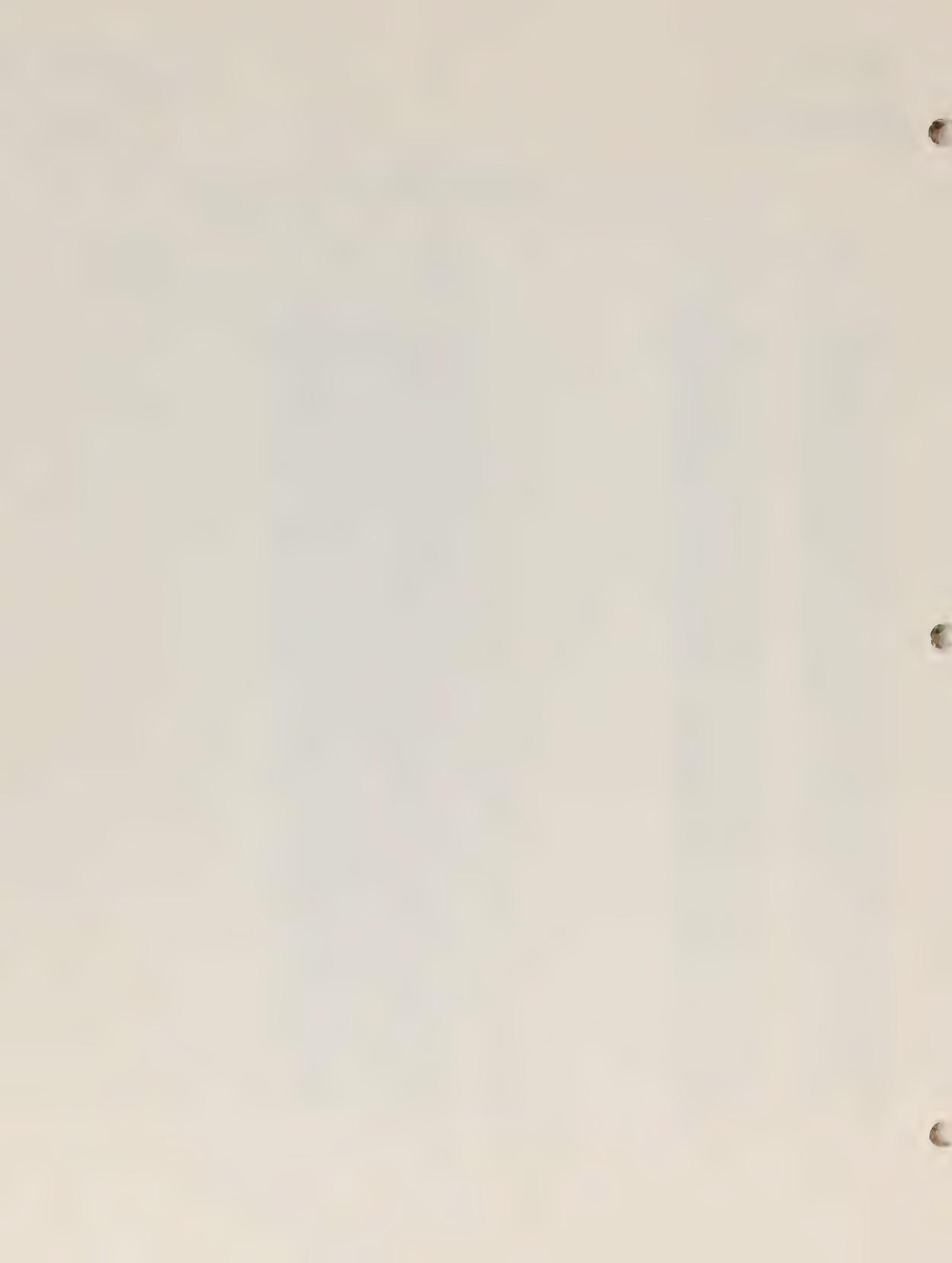
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
145 MPT=10

DATE OF RIIN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
28.347	416.005	09	11 FEB 06, 1975	
28.380	416.994	09	13 FEB 06, 1975	
28.414	416.994	09	15 FEB 06, 1975	
28.448	416.994	09	17 FEB 06, 1975	
28.482	416.994	09	19 FEB 06, 1975	
28.515	416.982	09	21 FEB 06, 1975	
28.549	416.994	09	23 FEB 06, 1975	
28.583	416.994	09	25 FEB 06, 1975	
28.617	416.994	09	27 FEB 06, 1975	
28.650	416.994	09	29 FEB 06, 1975	
28.684	416.994	09	31 FEB 06, 1975	
28.718	416.982	09	33 FEB 06, 1975	
28.752	416.982	09	35 FEB 06, 1975	
28.785	416.994	09	37 FEB 06, 1975	
28.819	417.005	09	39 FEB 06, 1975	
28.853	416.994	09	41 FEB 06, 1975	
28.887	416.994	09	43 FEB 06, 1975	
29.021	416.982	09	45 FEB 06, 1975	
29.054	416.982	09	47 FEB 06, 1975	
29.088	416.982	09	49 FEB 06, 1975	
29.022	416.982	09	51 FEB 06, 1975	
29.055	416.982	09	53 FEB 06, 1975	
29.089	416.982	09	55 FEB 06, 1975	
29.123	416.982	09	57 FEB 06, 1975	
29.157	416.982	09	59 FEB 06, 1975	
29.190	416.982	10	01 FEB 06, 1975	
29.224	416.982	10	03 FEB 06, 1975	
29.258	416.982	10	05 FEB 06, 1975	
29.292	416.994	10	07 FEB 06, 1975	
29.325	416.982	10	10 FEB 06, 1975	
29.359	416.994	10	12 FEB 06, 1975	
29.393	416.994	10	14 FEB 06, 1975	
29.427	416.982	10	16 FEB 06, 1975	
29.460	416.994	10	18 FEB 06, 1975	
29.494	416.982	10	20 FEB 06, 1975	
29.528	417.005	10	22 FEB 06, 1975	
29.561	416.982	10	24 FEB 06, 1975	
29.595	416.971	10	26 FEB 06, 1975	
29.629	416.994	10	28 FEB 06, 1975	
29.663	416.932	10	30 FEB 06, 1975	



JOB NUMBER  
SPG-11228-9

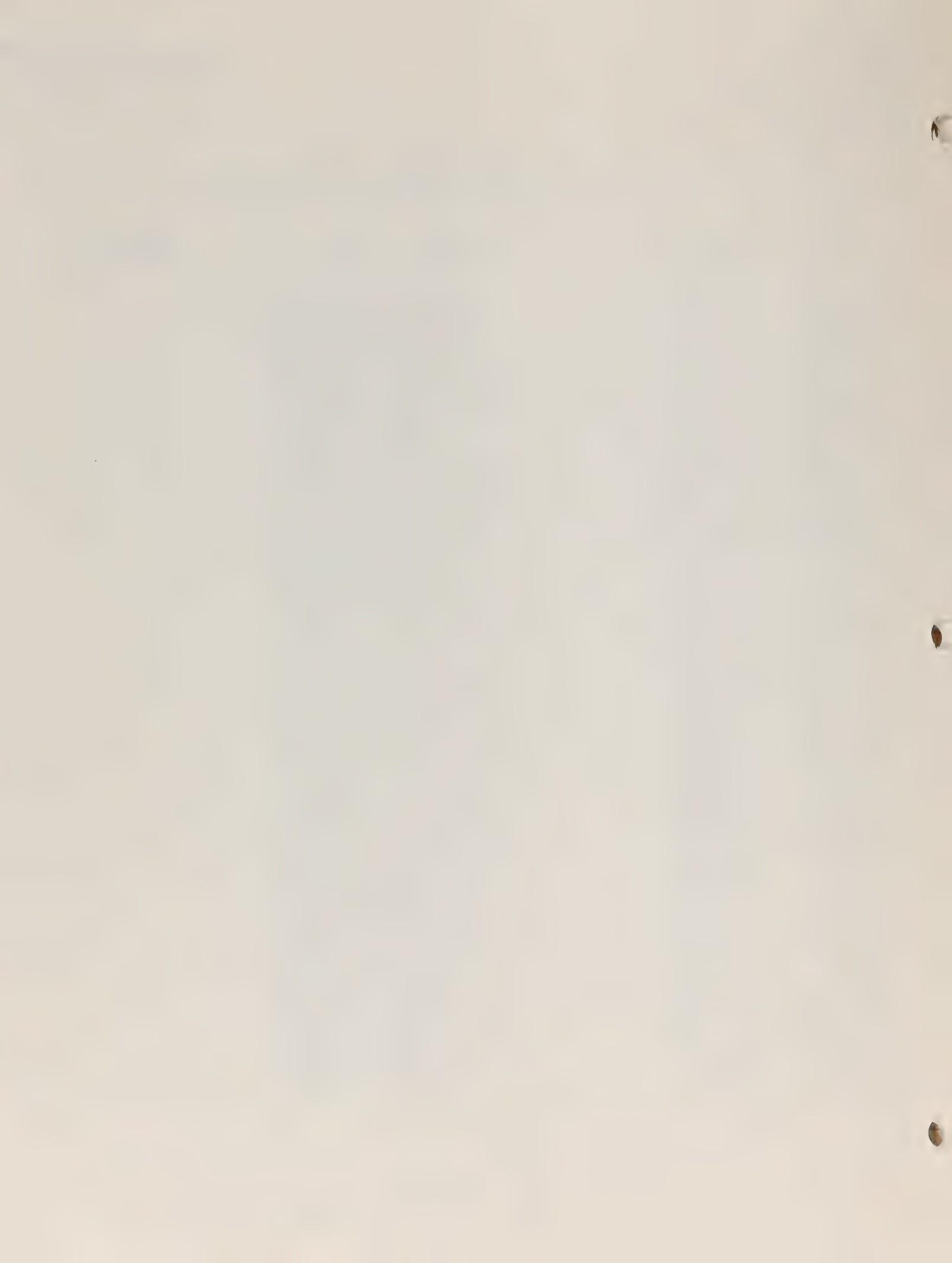
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RIM NUMBER  
145 MPT-10

DATE OF RIM

SPERRY-SUN  
PRECISION SURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
29.696	416.982	10 32	FEB 06, 1975	
29.737	416.971	10 34	FEB 06, 1975	
29.764	416.971	10 36	FEB 06, 1975	
29.798	416.982	10 38	FEB 06, 1975	
29.831	416.982	10 40	FEB 06, 1975	
29.865	416.971	10 42	FEB 06, 1975	
29.899	416.971	10 44	FEB 06, 1975	
29.933	416.971	10 46	FEB 06, 1975	
29.966	416.959	10 48	FEB 06, 1975	
30.000	416.982	10 50	FEB 06, 1975	
30.034	416.982	10 52	FEB 06, 1975	
30.068	416.982	10 54	FEB 06, 1975	
30.101	416.971	10 56	FEB 06, 1975	
30.135	416.971	10 58	FEB 06, 1975	
30.169	416.982	11 00	FEB 06, 1975	
30.203	416.982	11 02	FEB 06, 1975	
30.237	416.982	11 04	FEB 06, 1975	
30.271	416.982	11 06	FEB 06, 1975	
30.304	416.982	11 08	FEB 06, 1975	
30.338	416.992	11 10	FEB 06, 1975	
30.371	416.992	11 12	FEB 06, 1975	
30.405	416.982	11 14	FEB 06, 1975	
30.439	416.971	11 16	FEB 06, 1975	
30.473	416.971	11 18	FEB 06, 1975	
30.506	416.994	11 20	FEB 06, 1975	
30.540	416.994	11 22	FEB 06, 1975	
30.574	416.982	11 24	FEB 06, 1975	
30.608	416.982	11 26	FEB 06, 1975	
30.641	416.994	11 28	FEB 06, 1975	
30.675	416.994	11 31	FEB 06, 1975	
30.709	416.994	11 33	FEB 06, 1975	
30.743	416.982	11 35	FEB 06, 1975	
30.776	416.982	11 37	FEB 06, 1975	
30.810	416.971	11 39	FEB 06, 1975	
30.844	416.971	11 41	FEB 06, 1975	
30.878	416.982	11 43	FEB 06, 1975	
30.911	416.982	11 45	FEB 06, 1975	
30.945	416.982	11 47	FEB 06, 1975	
30.979	416.982	11 49	FEB 06, 1975	
31.013	416.982	11 51	FEB 06, 1975	



JOB NUMBER  
SPG-11226-9

DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
145 HPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
31.046	416.971	11 53	FEB 06, 1975	
31.080	416.971	11 55	FEB 06, 1975	
31.114	416.971	11 57	FEB 06, 1975	
31.148	416.982	11 59	FEB 06, 1975	
31.181	416.971	12 01	FEB 06, 1975	
31.215	416.971	12 03	FEB 06, 1975	
31.249	416.971	12 05	FEB 06, 1975	
31.283	416.971	12 07	FEB 06, 1975	
31.316	416.971	12 09	FEB 06, 1975	
31.350	416.982	12 11	FEB 06, 1975	
31.384	416.982	12 13	FEB 06, 1975	
31.418	416.982	12 15	FEB 06, 1975	
31.451	416.971	12 17	FEB 06, 1975	
31.485	416.982	12 19	FEB 06, 1975	
31.519	416.982	12 21	FEB 06, 1975	
31.553	416.982	12 23	FEB 06, 1975	
31.586	416.982	12 25	FEB 06, 1975	
31.620	416.982	12 27	FEB 06, 1975	
31.654	416.971	12 29	FEB 06, 1975	
31.687	416.959	12 31	FEB 06, 1975	
31.721	416.971	12 33	FEB 06, 1975	
31.755	416.971	12 35	FEB 06, 1975	
31.789	416.959	12 37	FEB 06, 1975	
31.822	416.971	12 39	FEB 06, 1975	
31.856	416.971	12 41	FEB 06, 1975	
31.890	416.982	12 43	FEB 06, 1975	
31.924	416.982	12 45	FEB 06, 1975	
31.957	416.994	12 47	FEB 06, 1975	
31.991	416.982	12 49	FEB 06, 1975	
32.025	416.982	12 51	FEB 06, 1975	
32.059	416.971	12 54	FEB 06, 1975	
32.093	416.971	12 56	FEB 06, 1975	
32.126	416.982	12 58	FEB 06, 1975	
32.160	416.982	13 00	FEB 06, 1975	
32.194	416.982	13 02	FEB 06, 1975	
32.227	416.971	13 04	FEB 06, 1975	
32.261	416.971	13 06	FEB 06, 1975	
32.295	416.971	13 08	FEB 06, 1975	
32.329	416.971	13 10	FEB 06, 1975	
32.362	416.971	13 12	FEB 06, 1975	



JOB NUMBER  
SPG-11228-2

DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
145 MPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
32.396	416.971	13 14	FEB 06, 1975	
32.430	416.982	13 16	FEB 06, 1975	
32.464	416.982	13 18	FEB 06, 1975	
32.497	416.971	13 20	FEB 06, 1975	
32.531	416.971	13 22	FEB 06, 1975	
32.565	416.971	13 24	FEB 06, 1975	
32.599	416.959	13 26	FEB 06, 1975	
32.632	416.959	13 28	FEB 06, 1975	
32.666	416.959	13 30	FEB 06, 1975	
32.700	416.971	13 32	FEB 06, 1975	
32.734	416.971	13 34	FEB 06, 1975	
32.767	416.971	13 36	FEB 06, 1975	
32.801	416.971	13 38	FEB 06, 1975	
32.835	416.971	13 40	FEB 06, 1975	
32.869	416.971	13 42	FEB 06, 1975	
32.902	416.971	13 44	FEB 06, 1975	
32.936	416.959	13 46	FEB 06, 1975	
32.970	416.959	13 48	FEB 06, 1975	
33.004	416.959	13 50	FEB 06, 1975	
33.037	416.959	13 52	FEB 06, 1975	
33.071	416.959	13 54	FEB 06, 1975	
33.105	416.959	13 56	FEB 06, 1975	
33.139	416.959	13 58	FEB 06, 1975	
33.172	416.959	14 00	FEB 06, 1975	
33.206	416.959	14 02	FEB 06, 1975	
33.240	416.959	14 04	FEB 06, 1975	
33.274	416.959	14 06	FEB 06, 1975	
33.307	416.959	14 08	FEB 06, 1975	
33.341	416.971	14 10	FEB 06, 1975	
33.375	416.971	14 12	FEB 06, 1975	
33.409	416.942	14 15	FEB 06, 1975	
33.442	416.959	14 17	FEB 06, 1975	
33.476	416.959	14 19	FEB 06, 1975	
33.510	416.959	14 21	FEB 06, 1975	END JETTING TO
33.544	416.948	14 23	FEB 06, 1975	START RECOVERY
33.577	416.959	14 25	FEB 06, 1975	
33.611	416.959	14 27	FEB 06, 1975	
33.645	416.959	14 29	FEB 06, 1975	
33.679	416.959	14 31	FEB 06, 1975	
33.712	416.959	14 33	FEB 06, 1975	

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JOB NUMBER  
SPG-1122B-9

DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
145 MPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
33.746	416.959	14 35	FEB 06, 1975	
33.780	416.971	14 37	FEB 06, 1975	
33.813	416.959	14 39	FEB 06, 1975	
33.847	416.959	14 41	FEB 06, 1975	
33.881	416.959	14 43	FEB 06, 1975	
33.915	416.971	14 45	FEB 06, 1975	
33.943	416.971	14 47	FEB 06, 1975	
33.982	416.959	14 49	FEB 06, 1975	
34.016	416.949	14 51	FEB 06, 1975	
34.050	416.944	14 53	FEB 06, 1975	
34.083	416.948	14 55	FEB 06, 1975	
34.117	416.948	14 57	FEB 06, 1975	
34.151	416.945	14 59	FEB 06, 1975	
34.185	416.948	15 01	FEB 06, 1975	
34.218	416.948	15 03	FEB 06, 1975	
34.252	416.948	15 05	FEB 06, 1975	
34.284	416.949	15 07	FEB 06, 1975	
34.320	416.948	15 09	FEB 06, 1975	
34.353	416.944	15 11	FEB 06, 1975	
34.387	416.944	15 13	FEB 06, 1975	
34.421	416.948	15 15	FEB 06, 1975	
34.455	416.946	15 17	FEB 06, 1975	
34.488	416.936	15 19	FEB 06, 1975	
34.522	416.936	15 21	FEB 06, 1975	
34.554	416.959	15 23	FEB 06, 1975	
34.590	416.959	15 25	FEB 06, 1975	
34.623	416.959	15 27	FEB 06, 1975	
34.657	416.959	15 29	FEB 06, 1975	
34.691	416.948	15 31	FEB 06, 1975	
34.725	416.971	15 33	FEB 06, 1975	
34.758	416.946	15 36	FEB 06, 1975	
34.792	416.971	15 38	FEB 06, 1975	
34.826	416.971	15 40	FEB 06, 1975	
34.864	416.952	15 42	FEB 06, 1975	
34.893	416.992	15 44	FEB 06, 1975	
34.927	416.959	15 46	FEB 06, 1975	
34.961	416.971	15 48	FEB 06, 1975	
34.995	416.971	15 50	FEB 06, 1975	
35.024	416.955	15 52	FEB 06, 1975	
35.062	416.971	15 54	FEB 06, 1975	

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JOB NUMBER  
SPG-11228-9

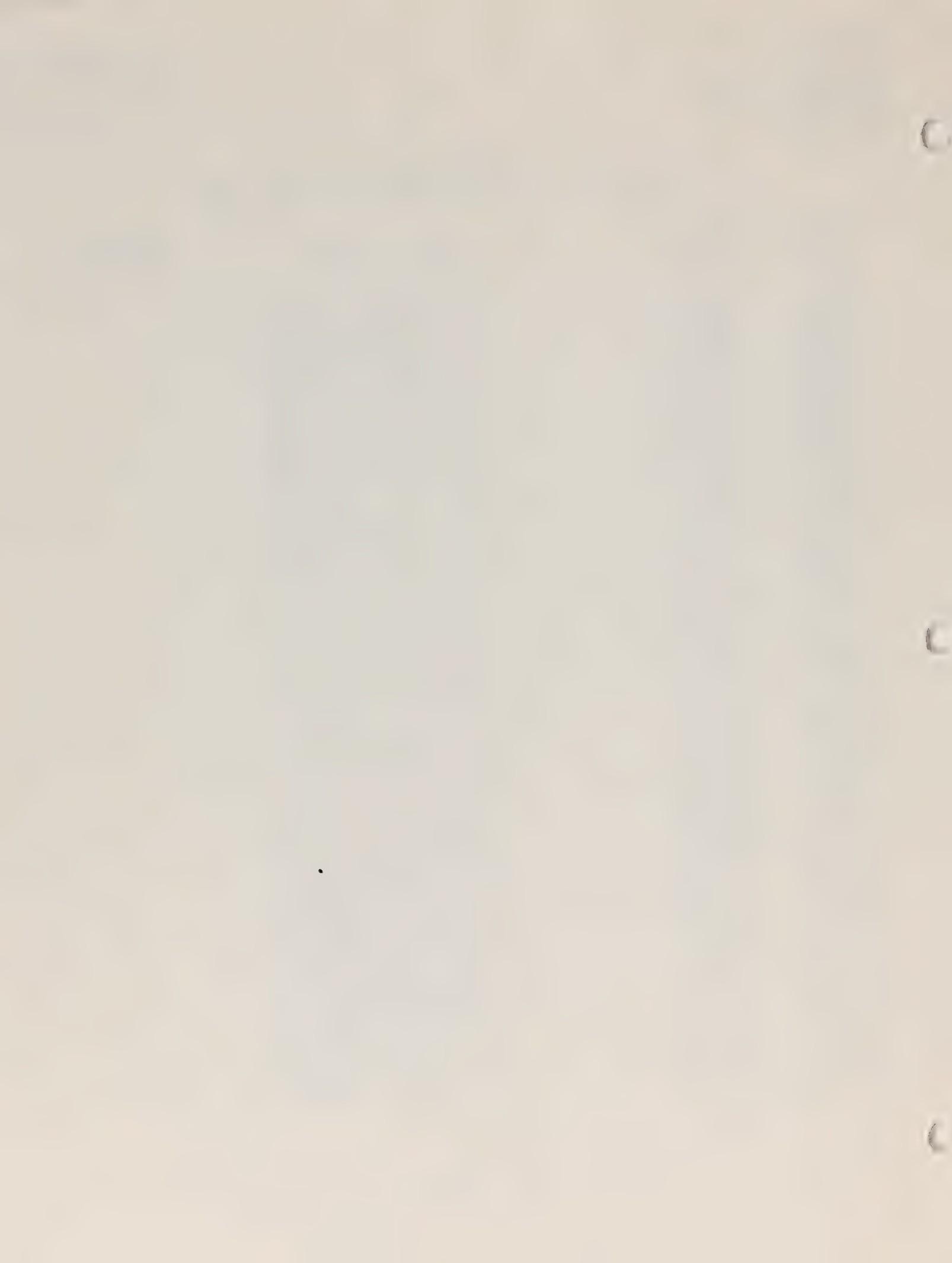
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
145 MPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
35.096	416.971	15 56	FEB 06, 1975	
35.130	416.971	15 58	FEB 06, 1975	
35.163	416.959	16 00	FEB 06, 1975	
35.197	416.971	16 02	FEB 06, 1975	
35.231	416.982	16 04	FEB 06, 1975	
35.265	416.971	16 06	FEB 06, 1975	
35.298	416.971	16 08	FEB 06, 1975	
35.332	416.982	16 10	FEB 06, 1975	
35.366	416.982	16 12	FEB 06, 1975	
35.400	416.982	16 14	FEB 06, 1975	
35.433	416.982	16 16	FEB 06, 1975	
35.467	416.982	16 18	FEB 06, 1975	
35.501	416.982	16 20	FEB 06, 1975	
35.535	416.982	16 22	FEB 06, 1975	
35.568	416.994	16 24	FEB 06, 1975	
35.602	416.994	16 26	FEB 06, 1975	
35.636	416.994	16 28	FEB 06, 1975	
35.670	416.971	16 30	FEB 06, 1975	
35.703	416.994	16 32	FEB 06, 1975	
35.737	416.994	16 34	FEB 06, 1975	
35.771	416.994	16 36	FEB 06, 1975	
35.805	416.994	16 38	FEB 06, 1975	
35.839	416.994	16 40	FEB 06, 1975	
35.872	416.994	16 42	FEB 06, 1975	
35.906	417.005	16 44	FEB 06, 1975	
35.939	417.005	16 46	FEB 06, 1975	
35.973	417.005	16 48	FEB 06, 1975	
36.007	417.017	16 50	FEB 06, 1975	
36.041	417.017	16 52	FEB 06, 1975	
36.074	417.005	16 54	FEB 06, 1975	
36.108	417.005	16 56	FEB 06, 1975	
36.142	417.005	16 59	FEB 06, 1975	
36.176	417.017	17 01	FEB 06, 1975	
36.209	417.017	17 03	FEB 06, 1975	
36.243	417.017	17 05	FEB 06, 1975	
36.277	417.017	17 07	FEB 06, 1975	
36.311	417.005	17 09	FEB 06, 1975	
36.344	417.005	17 11	FEB 06, 1975	
36.378	417.005	17 13	FEB 06, 1975	
36.412	417.005	17 15	FEB 06, 1975	



JOB NUMBER  
SPG-11228-2

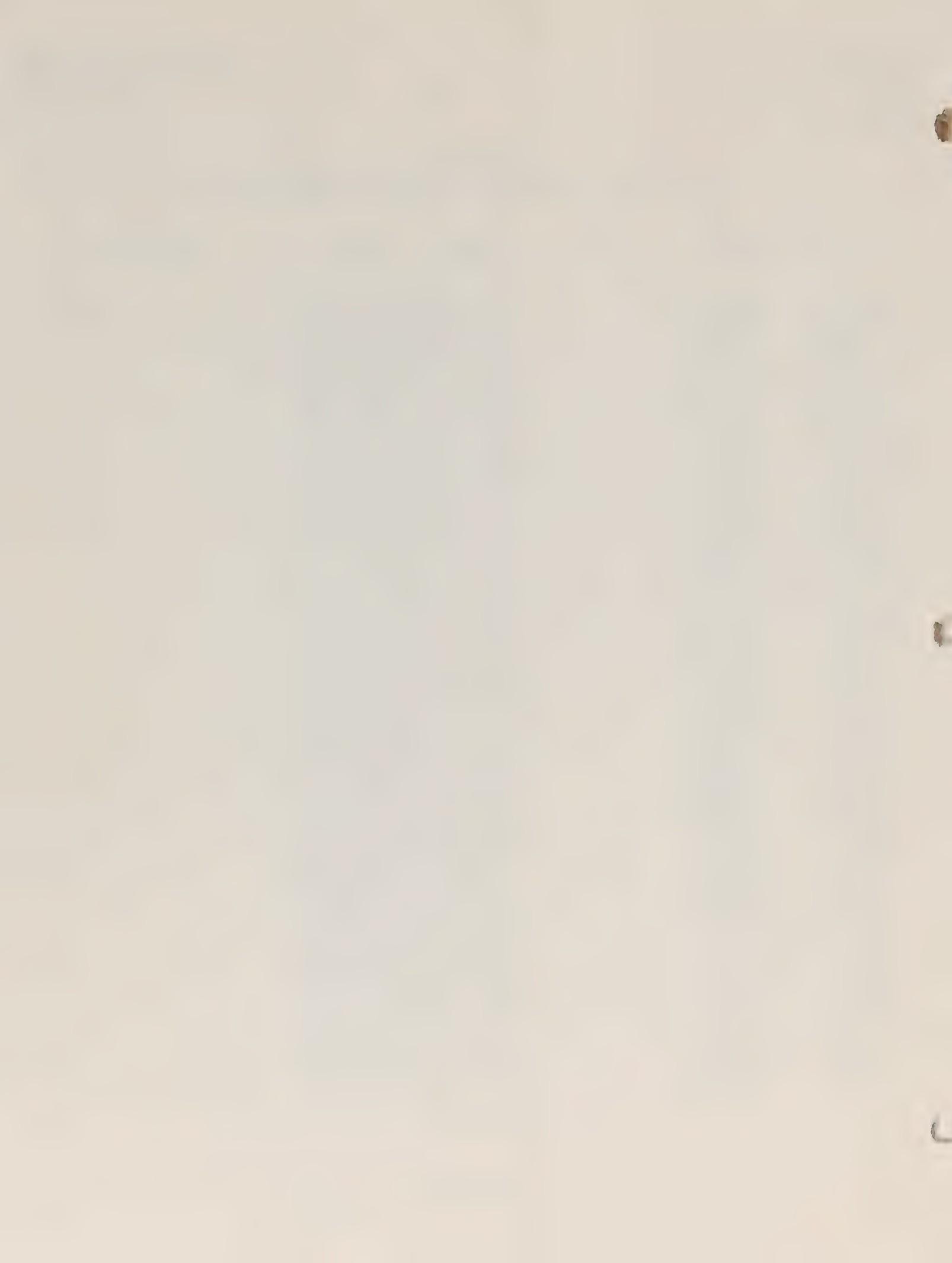
DATE OF JOB  
FEBRUARY 5-6, 1975

GAUGE/RUN NUMBER  
145 MPT-10

DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME	DATE	COMMENTS
		HR MIN		
36.446	416.994	17 17	FEB 06, 1975	
36.479	417.005	17 19	FEB 06, 1975	
36.513	417.005	17 21	FEB 06, 1975	
36.547	417.005	17 23	FEB 06, 1975	
36.581	417.005	17 25	FEB 06, 1975	
36.614	417.005	17 27	FEB 06, 1975	
36.648	417.005	17 29	FEB 06, 1975	
36.682	417.005	17 31	FEB 06, 1975	
36.716	417.005	17 33	FEB 06, 1975	
36.749	417.017	17 35	FEB 06, 1975	
36.783	417.017	17 37	FEB 06, 1975	
36.817	417.005	17 39	FEB 06, 1975	
36.851	417.005	17 41	FEB 06, 1975	
36.884	417.005	17 43	FEB 06, 1975	
36.918	417.005	17 45	FEB 06, 1975	
36.952	417.005	17 47	FEB 06, 1975	
36.986	417.017	17 49	FEB 06, 1975	
37.019	417.029	17 51	FEB 06, 1975	
37.053	417.017	17 53	FEB 06, 1975	
37.087	417.017	17 55	FEB 06, 1975	
37.121	417.017	17 57	FEB 06, 1975	
37.154	417.005	17 59	FEB 06, 1975	
37.188	417.017	18 01	FEB 06, 1975	
37.222	417.017	18 03	FEB 06, 1975	
37.256	417.005	18 05	FEB 06, 1975	
37.289	417.005	18 07	FEB 06, 1975	
37.323	417.005	18 09	FEB 06, 1975	
37.357	416.994	18 11	FEB 06, 1975	
37.391	416.994	18 13	FEB 06, 1975	
37.424	417.005	18 15	FEB 06, 1975	
37.458	415.994	18 17	FEB 06, 1975	
37.492	417.005	18 20	FEB 06, 1975	
37.526	417.005	18 22	FEB 06, 1975	
37.559	417.005	18 24	FEB 06, 1975	
37.593	417.005	18 26	FEB 06, 1975	
37.627	417.005	18 28	FEB 06, 1975	
37.661	417.005	18 30	FEB 06, 1975	
37.694	417.005	18 32	FEB 06, 1975	
37.728	417.005	18 34	FEB 06, 1975	
37.762	417.017	18 36	FEB 06, 1975	



JOB NUMBER  
SPG-1122B-1

DATE OF JOB  
FEBRUARY 5-6, 1975

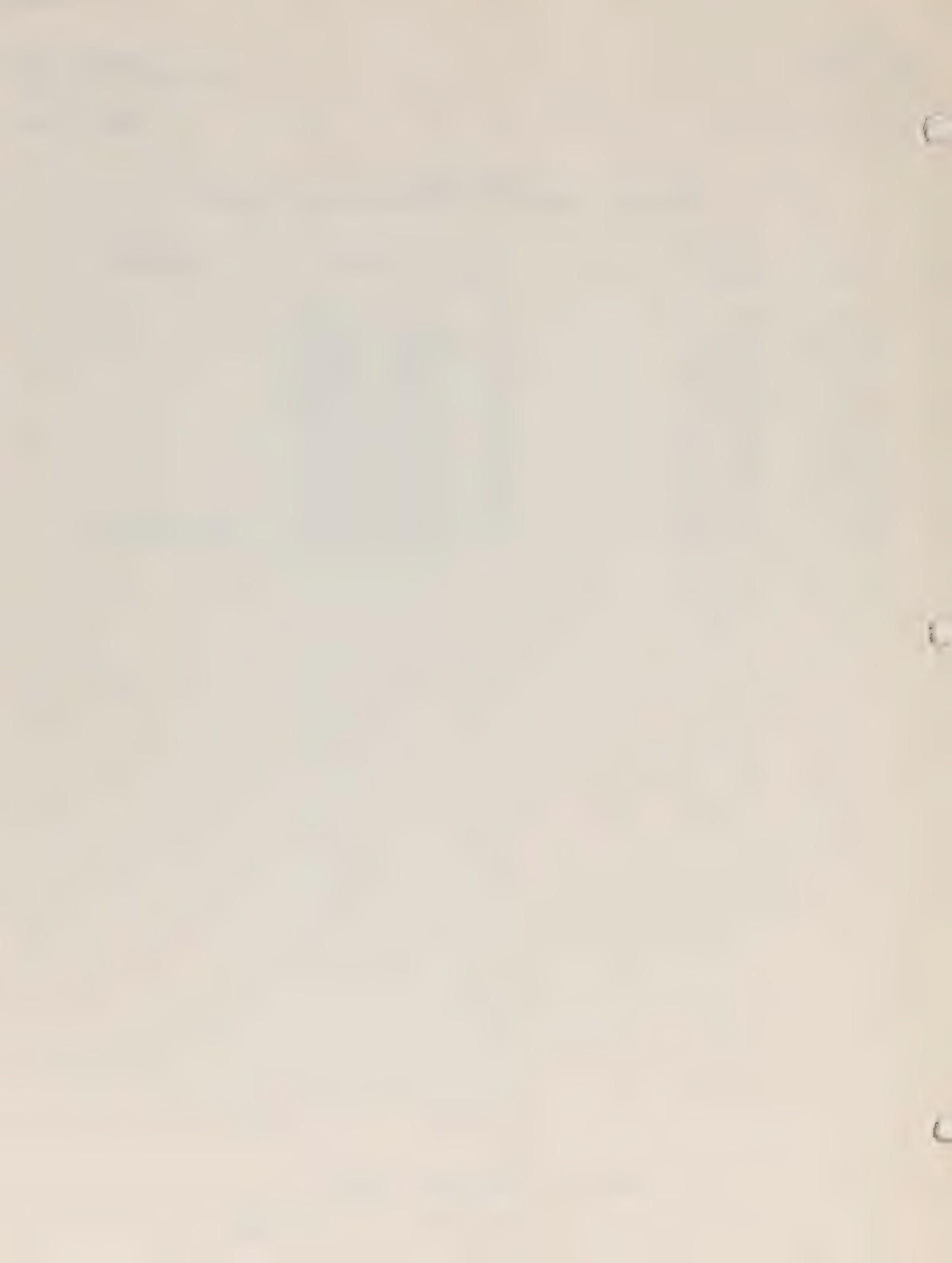
GAUGE/RUN NUMBER  
145 M-T-10

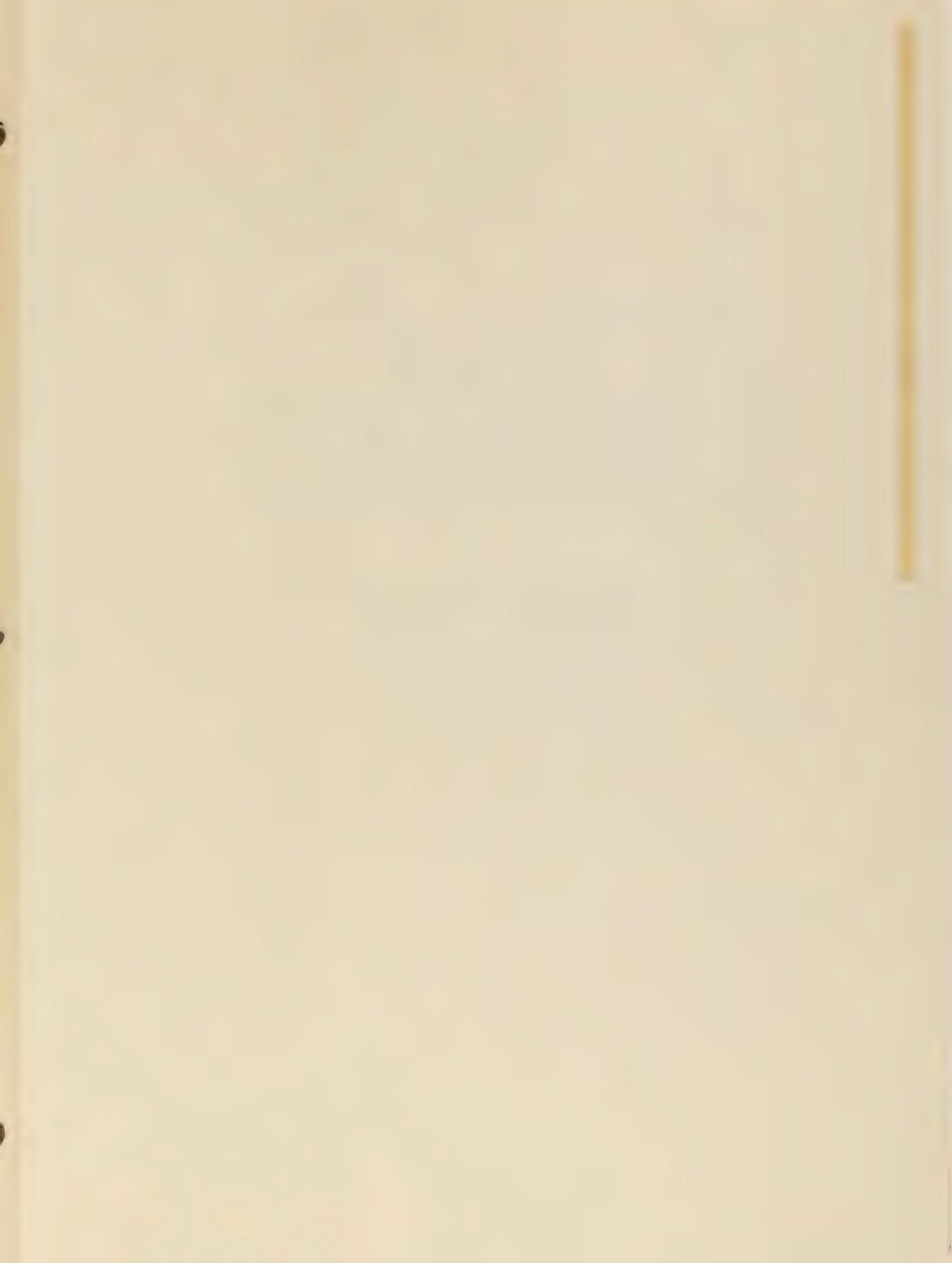
DATE OF RUN

SPERRY-SUN  
PRECISION SUBSURFACE PRESSURE GAUGE REPORT

DELTA TIME	PRESSURE (PSI)	TIME HR MIN	DATE	COMMENTS
37.796	417.017	18 38	FEB 06, 1975	
37.829	417.017	18 40	FEB 06, 1975	
37.863	417.029	18 42	FEB 06, 1975	
37.897	417.017	18 44	FEB 06, 1975	
37.931	417.017	18 46	FEB 06, 1975	
37.964	417.017	18 48	FEB 06, 1975	
37.998	417.017	18 50	FEB 06, 1975	
38.032	417.029	18 52	FEB 06, 1975	
38.065	417.029	18 54	FEB 06, 1975	
38.099	417.017	18 56	FEB 06, 1975	
38.133	417.040	18 58	FEB 06, 1975	UNSEAT PACKERS
38.167	416.994	19 00	FEB 06, 1975	END OF TEST .

1132 POINTS REPORTED THIS RUN







JOHNSTON

Schlumberger

technical  
report

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JAN 2 1975

A. J. ROGERS

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## **SURFACE INFORMATION**

## MUD DATA

Mud Type WATER SOAP Wt. -  
 Viscosity - Water Loss - C.C.  
 Resist. of Mud - @ - °F; of Filtrate - @ - °F  
 Chloride Content - PPM

## **RECOVERY DESCRIPTION**

**Remarks:**

**Address** 1500 SECURITY LIFE BUILDING; DENVER, COLORADO 80202

ATLANTIC-RICHFIELD COMPANY

Company **FEDERAL S-G #1**

Well 1930' to 2750'

**Location** NNSE, SEC. 2-T3S-R97W

eld SORGHUM C  
7W

BIO BLANCO

544

\* COLORADO

County \_\_\_\_\_ MOURRY (VERNAL)

State

MR. FRED BURNS

5: 11 B - A N-

04370 0

14(13x's)

6

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8

## PRESSURE DATA

Instrument No.	J-405		
Capacity (P.S.I.G.)	2800		
Instrument Depth	1932'		
Instrument Opening	OUTSIDE		
Pressure Gradient P.S.I./Ft.			
Well Temperature °F.	-		
Initial Hydrostatic Mud	A	-	
Initial Shut-in	B	-	
Initial Flow	C	-	
Final Flow	D	-	
Final Shut-in	E	-	
Final Hydrostatic Mud	F	-	
Remarks:	1	814.7	
	2	709.2	

Field Report No. - 04370 C

#### TIME DATA

Remarks:	1	814.7
	2	709.2
	3	681.0
	4	751.5

READ AT 100°F.

\*Shut in pressure did not reach static reservoir pressure.

Clock Travel

inches per min.

## PRESSURE INCREMENTS





FIELD REPORT NO.

04370 C

CAPACITY

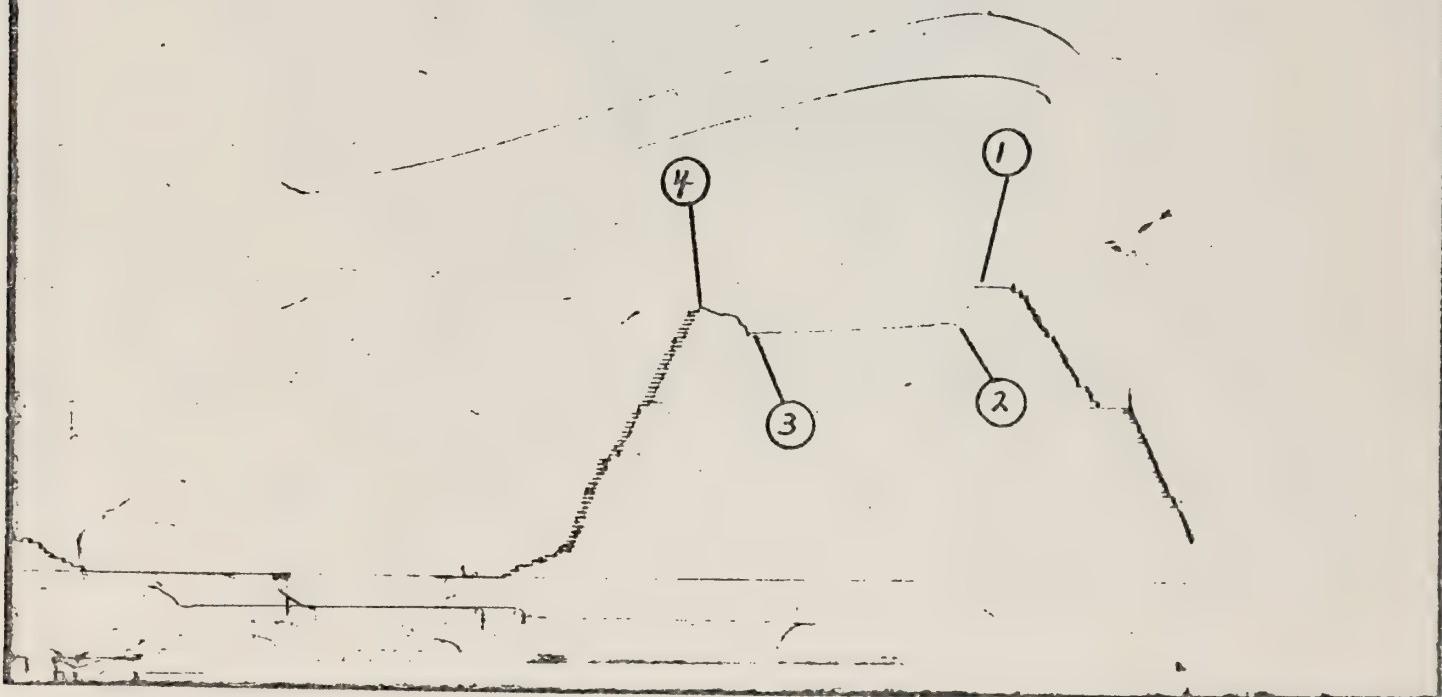
2800#

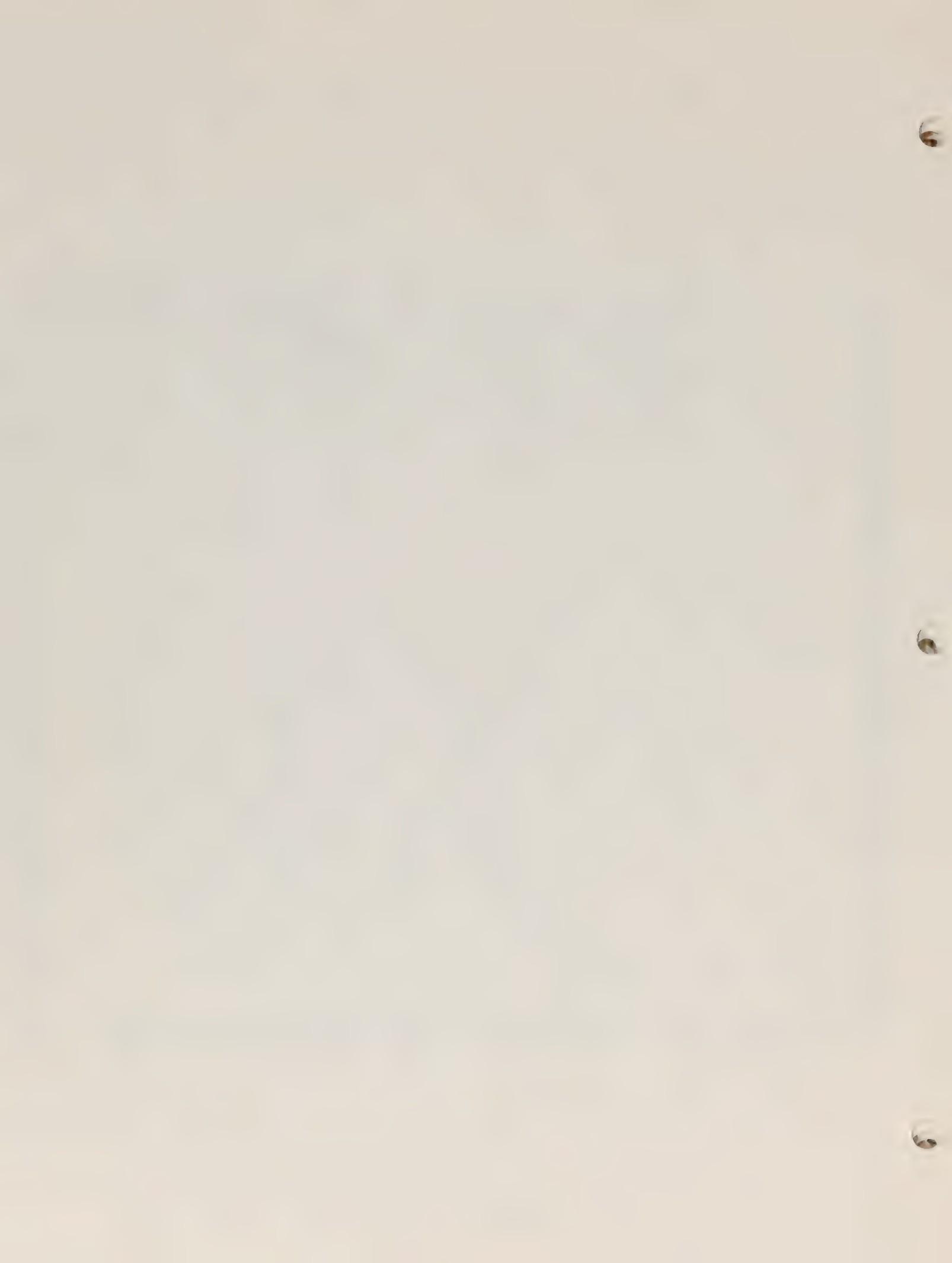
RECORDER NO.

J-405

REPORTS REQUESTED

14-





COMPANY ATLANTIC RICHFIELD    WELL FEDERAL S.G. #1    TEST NO. 2    COUNTY RIO BLANCO    STATE COLORADO  
COMPANY

JRM

RECEIVED

FEB 9 1975

A. J. ROGERS

JOHNSTON

Schlumberger

technical  
report

II B-892

F.R. #04371 C





## **SURFACE INFORMATION**

## MUD DATA

Mud Type WATER Wt. -  
Viscosity - Water Loss - C.C.  
Resist. of Mud - @ - °F; of Filtrate - @ - °F  
Chloride Content - PPM

Remarks: RAN TOOLS IN HOLE TO 907'. COULDN'T SET SELECTIVE ZONE ANCHOR. PULLED UP 90'. SELECTIVE ZONE ANCHOR SET. PULLED LOOSE. RAN BACK TO 907'; SET SELECTIVE ZONE ANCHOR, AND PACKER.

Address 1500 SECURITY LIFE BUILDING, 1600 GLENARM; DENVER, COLORADO 80202

Company	ATLANTIC RICHFIELD COMPANY		Field	SORGHUM GULCH
Well	FEDERAL S.G. #1	Location	SEC. 2-3S-97W	
Test Interval	907' TO 944'	Test #	2	
Date	1-17-75			
County	RIO BLANCO	State	COLORADO	
Technician	MC LAUGHLIN (VERNAL)	Test Approved By	MR. CHARLES BERCONZINI	
Field Report No. 04371 C				
No. Projects Brought 14 (13x)				

U B-8957



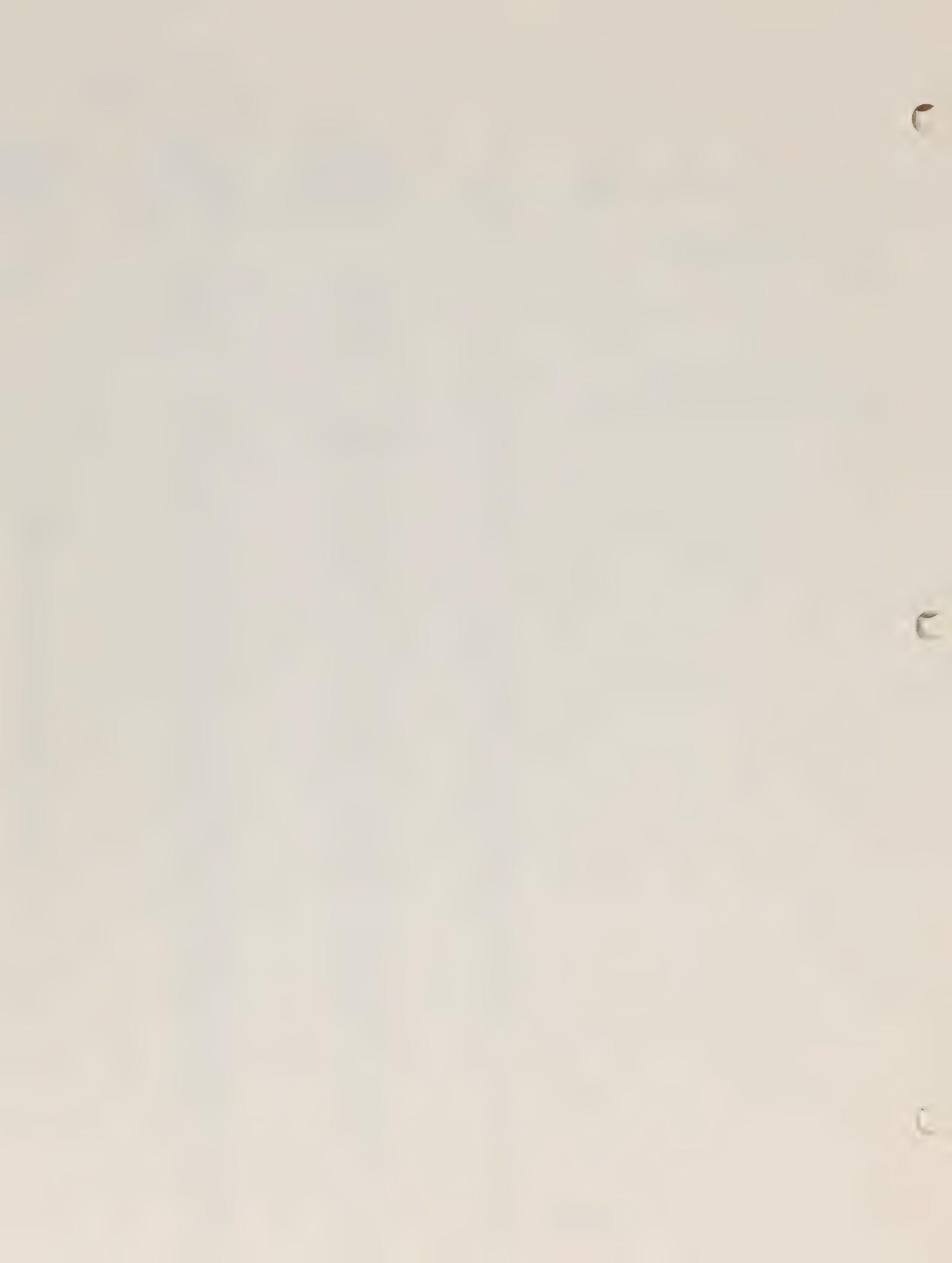
## EQUIPMENT SEQUENCE

<u>COMPONENTS</u>	<u>SIZE / TYPE</u>	<u>LENGTH</u>
DRILL PIPE	2 7/8" / H-90	745.00'
DRILL COLLARS	4 3/4" / RIF	120.12'
RECORDER CARRIER	SPERRY-SUN	17.00'
RECORDER	4 7/8" / J-200	6.00'
SAFETY JOINT	4 3/4"	2.00'
PERFORATED ANCHOR	4 3/4" / HEVY.	2.00'
PACKER	5 3/4" / B.T.	6.00'
BLANK-OFF SUB	4 3/4"	1.70'
PERFORATED ANCHOR	4 3/4" / HEVY.	31.00'
RECORDER	4 7/8" / J-200	6.00'
BLANK-OFF SUB	4 3/4"	.60'
PACKER	5 3/4" / B.T.	6.00'
SUB	4 3/4" / SPERRY-SUN	1.70'
PERFORATED ANCHOR	4 3/4"	12.00'
RECORDER	4 7/8" / J-200	6.00'
SELECTIVE ZONE ANCHORING DEVICE	6 3/4" / HOOK WALL	6.00'



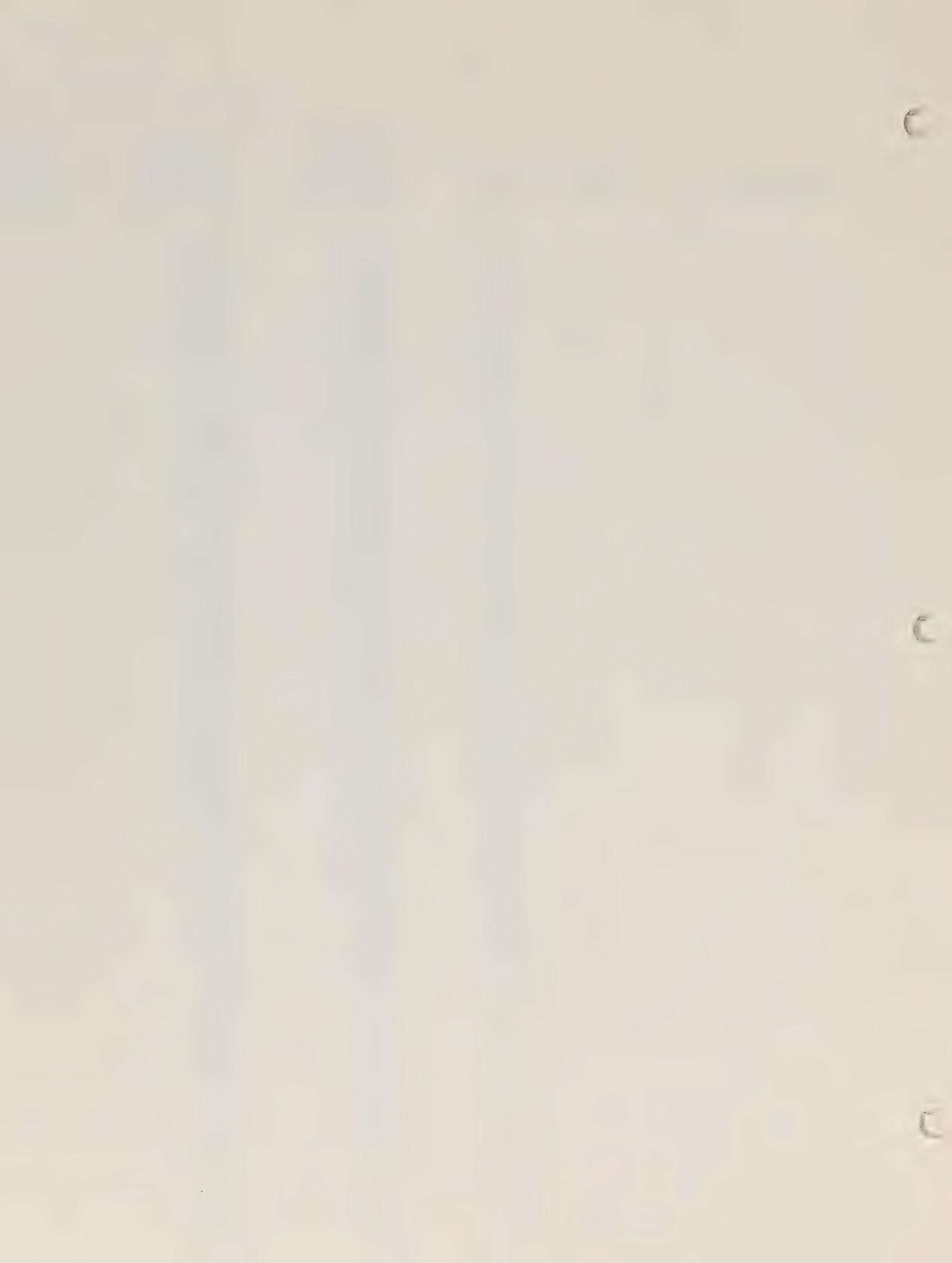
<u>DESCRIPTION</u>	<u>TIME OF DAY</u>	<u>INCRE.</u>	<u>INSTRUMENT #J-068</u> <u>PRESSURE (P.S.I.G.)</u>	<u>INSTRUMENT #J-080</u> <u>PRESSURE (P.S.I.G.)</u>	<u>INSTRUMENT #J-114</u> <u>PRESSURE (P.S.I.G.)</u>
INITIAL HYDROSTATIC IM-					
MEDIATELY AFTER SETTING					
PACKER. (1-17-75)	2050	0	355.5	372.9	387.1
		2	355.5	372.9	
		4	355.5	372.9	
		6	355.5	372.9	
		8	355.5	372.9	
STARTED JETTING WATER FROM					
WELL 1-A TO SEE IF FLUID					
LEVEL IN THIS WELL CHANGED	2100	10	355.5	372.9	
		12	355.5	372.9	
		14	355.5	372.9	
		16	355.5	372.0	
		18	355.5	370.7	
		20	354.9	370.1	
		22	353.6	369.4	
		24	353.0	369.1	
		26	352.3	368.8	
		28	352.0	368.5	
		30	351.7	367.8	
		32	351.4	367.5	
		34	351.1	367.5	
		36	350.8	367.2	
		38	350.4	366.9	
		40	350.4	366.6	
		42	350.1	366.2	
		44	349.8	366.2	
		46	349.5	365.9	
		48	349.5	365.9	
		50	349.2	365.6	
		52	348.9	365.3	
		54	348.9	365.3	
		56	348.9	365.3	
		58	348.5	365.3	
		60	348.5	365.3	
		62	348.2	365.3	
		64	348.2	365.3	
		66	347.9	365.3	
		68	347.6	365.3	
		70	347.6	365.3	
		72	347.3	365.3	
		74	347.3	365.3	
		76	347.3	365.3	
		78	347.3	364.6	
		80	347.3	364.3	
		82	347.3	364.3	
		84	347.0	364.0	
		86	346.6	363.7	
		88	346.6	363.7	
II B-895	90	92	346.6	363.4	
		94	346.3	363.1	
			346.3	362.7	

NO MEASURABLE VARIATION IN PRESSURES DURING TEST.



## FIELD REPORT #04371 C

<u>DESCRIPTION</u>	<u>TIME OF DAY</u>	<u>INCRE.</u>	<u>INSTRUMENT</u> <u>#J-068</u> <u>PRESSURE</u> (P.S.I.G.)	<u>INSTRUMENT</u> <u>#J-080</u> <u>PRESSURE</u> (P.S.I.G.)	<u>INSTRUMENT</u> <u>#J-114</u> <u>PRESSURE</u> (P.S.I.G.)
	96		346.3	362.7	
	98		346.3	362.7	
	100		346.3	362.7	
	102		346.0	362.4	
	104		346.0	362.4	
	106		346.0	362.4	
	108		345.7	362.4	
	110		345.7	362.4	
	112		345.7	362.1	
	114		345.7	362.1	
	116		345.4	362.1	
	118		345.4	362.1	
	120		345.4	362.1	
	122		345.4	361.8	
	124		345.4	361.8	
	126		345.0	361.8	
	128		345.0	361.5	
	130		345.0	361.5	
	132		345.0	361.1	
	134		345.0	361.1	
	136		344.7	361.1	
	138		344.7	361.1	
	140		344.7	361.1	
	142		344.4	361.1	
	144		344.4	360.8	
	146		344.4	360.8	
	148		344.1	360.8	
	150		344.1	360.8	
	152		344.1	360.8	
	154		344.1	360.8	
	156		344.1	360.8	
	158		344.1	360.8	
	160		344.1	360.8	
	162		344.1	360.8	
	164		344.1	360.5	
	166		343.8	360.5	
	168		343.8	360.5	
	170		343.8	360.5	
	172		343.8	360.5	
	174		343.8	360.5	
	176		343.5	360.2	
	178		343.5	360.2	
	180		343.5	360.2	
	182		343.5	360.2	
	184		343.5	359.9	
	186		343.1	359.9	
	188		343.1	359.9	
	190		343.1	359.9	
	192		343.1	359.6	
	194		343.1	359.6	



<u>DESCRIPTION</u>	<u>TIME OF DAY</u>	<u>INCRE.</u>	<u>INSTRUMENT #J-068</u>	<u>INSTRUMENT #J-080</u>	<u>INSTRUMENT #J-114</u>
			<u>PRESSURE (P.S.I.G.)</u>	<u>PRESSURE (P.S.I.G.)</u>	<u>PRESSURE (P.S.I.G.)</u>
		196	343.1	359.6	
		198	342.8	359.6	
		200	342.8	359.6	
		202	342.8	359.6	
		204	342.8	359.6	
		206	342.8	359.6	
		208	342.8	359.6	
		210	342.8	359.2	
		212	342.8	359.2	
		214	342.8	359.2	
		216	342.8	359.2	
		218	342.8	359.2	
		220	342.5	359.2	
		222	342.5	358.9	
		224	342.5	358.9	
		226	342.5	358.9	
		228	342.5	358.9	
		230	342.5	358.9	
		232	342.5	358.9	
		234	342.5	358.9	
		236	342.5	358.9	
		238	342.2	358.6	
		240	342.2	358.6	
		250	341.9	358.3	
		260	341.9	358.0	
		270	341.9	358.0	
		280	341.6	357.6	
		290	341.6	357.3	
		300	341.6	357.3	
		310	341.2	357.0	
		320	340.9	357.0	
		330	340.9	357.0	
		340	340.9	357.0	
		350	340.9	357.0	
		360	340.9	357.0	
		370	340.9	357.0	
		380	340.9	357.0	
		390	340.9	357.0	
		400	340.9	356.7	
		410	340.6	356.4	
		420	340.6	356.4	
		430	340.6	356.4	
		440	340.3	356.4	
		450	340.3	356.4	
		460	340.0	356.4	
		470	340.0	356.4	
		480	340.0	356.4	
		490	339.7	356.0	
II B-897		500	339.7	356.0	
		510	339.3	356.0	



FIELD REPORT #04371 C

<u>DESCRIPTION</u>	<u>TIME OF DAY</u>	<u>INCRE.</u>	<u>INSTRUMENT #J-068</u> <u>PRESSURE (P.S.I.G.)</u>	<u>INSTRUMENT #J-080</u> <u>PRESSURE (P.S.I.G.)</u>	<u>INSTRUMENT #J-114</u> <u>PRESSURE (P.S.I.G.)</u>
	520		339.3	356.0	
	530		339.3	355.7	
	540		339.0	355.7	
	550		339.0	355.7	
	560		338.7	355.7	
	570		338.7	355.4	
	580		338.4	355.1	
	590		338.4	355.1	
	600		338.4	355.1	
	610		338.4	355.1	
	620		338.4	355.7	
	630		338.1	355.7	
	640		338.1	355.4	
	650		337.8	354.8	
	660		337.8	354.8	
	670		337.8	354.8	
	680		337.8	354.8	
	690		337.8	354.5	
	700		337.8	354.5	
	710		337.8	354.8	
	720		337.8	354.8	
	730		337.8	354.8	
	740		337.8	354.8	
	750		337.8	354.8	
	760		337.8	354.5	
	770		337.8	354.1	
	780		337.8	354.1	
	790		337.8	354.1	
	800		337.8	354.1	
	810		337.8	354.1	
	820		337.8	354.1	
	830		337.8	353.8	
	840		337.8	353.8	
	850		337.8	353.8	
	860		337.8	353.8	
	870		337.8	353.8	
	880		337.8	353.8	
	890		337.8	353.8	
	900		337.8	353.8	
	910		337.8	353.8	
	920		337.8	354.5	
	930		337.8	354.5	
	940		337.8	354.5	
	950		337.8	354.5	
	960		337.8	354.5	
	970		337.8	354.5	
	980		337.8	354.5	
	990		337.8	354.5	
II B-898	1000		337.8	354.5	
	1010		337.8	354.5	
	1020		337.8	354.5	

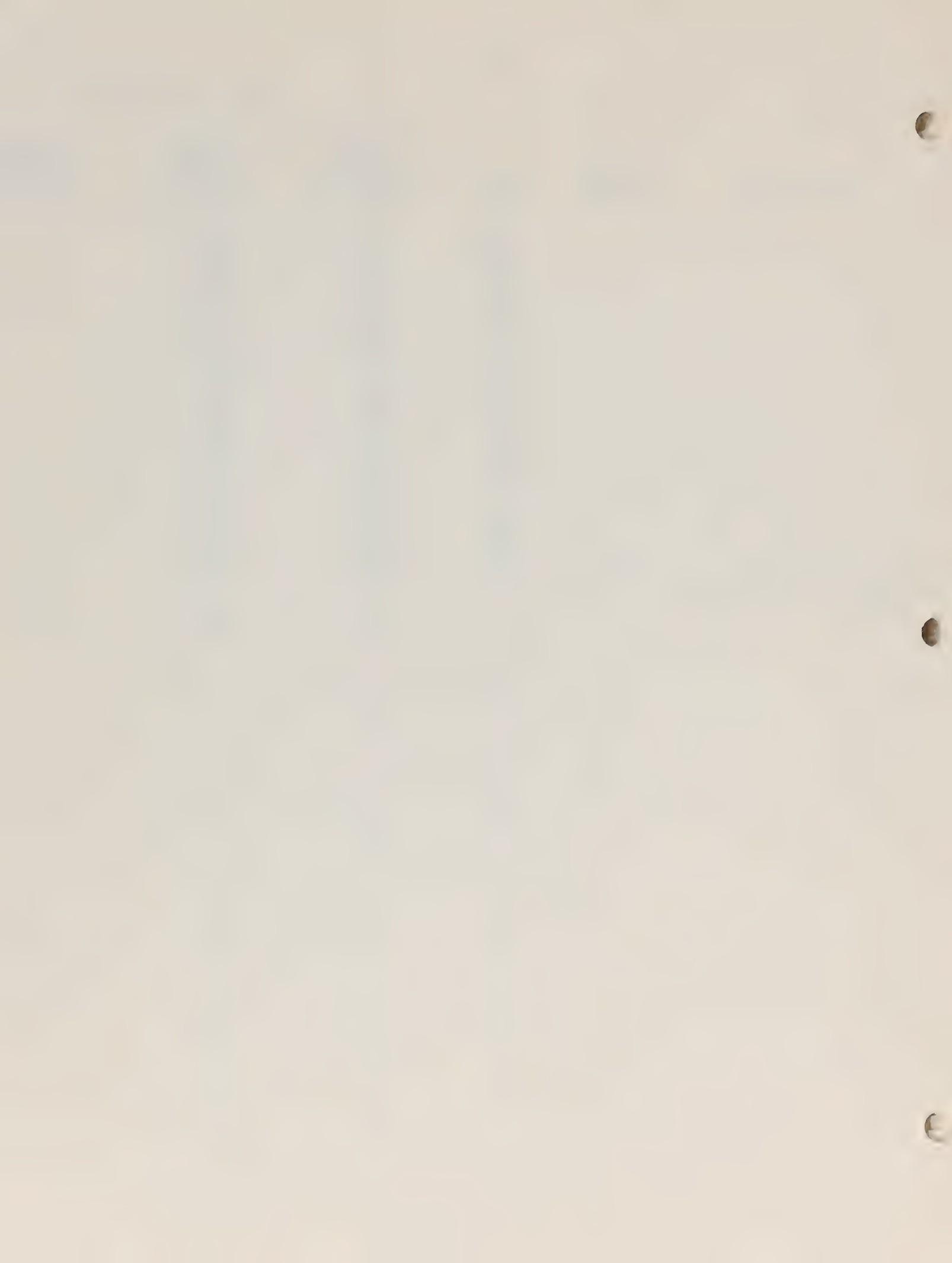


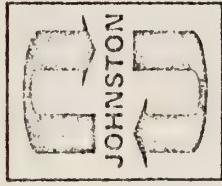
## FIELD REPORT #04371 C

<u>DESCRIPTION</u>	<u>TIME OF DAY</u>	<u>INCRE.</u>	<u>INSTRUMENT</u> <u>#J-068</u> <u>PRESSURE</u> <u>(P.S.I.G.)</u>	<u>INSTRUMENT</u> <u>#J-080</u> <u>PRESSURE</u> <u>(P.S.I.G.)</u>	<u>INSTRUMENT</u> <u>#J-114</u> <u>PRESSURE</u> <u>(P.S.I.G.)</u>
	1030		337.8	354.5	
	1040		337.8	354.1	
	1050		337.8	354.1	
	1060		337.8	354.1	
	1070		337.8	354.1	
	1080		337.8	354.1	
	1090		337.4	354.1	
	1100		337.4	353.8	
	1110		337.1	353.8	
	1120		337.1	353.5	
	1130		337.1	353.5	
	1140		337.1	353.5	
	1150		336.8	353.5	
	1160		336.8	353.5	
	1170		336.8	353.8	
	1180		336.8	354.5	
	1190		336.8	354.1	
	1200		336.8	353.8	
	1210		336.8	353.8	
	1220		336.8	353.8	
	1230		336.8	353.8	
	1240		336.8	353.5	
	1250		336.8	353.5	
	1260		336.8	353.8	
	1270		336.8	353.8	
	1280		336.8	353.8	
	1290		336.8	353.8	
	1300		336.8	353.5	
	1310		336.8	353.5	
	1320		336.8	353.5	
	1330		336.8	353.2	
	1340		336.8	353.2	
	1350		336.8	352.9	
	1360		336.8	352.9	
	1370		336.8	352.9	
	1380		336.5	352.9	
	1390		336.5	352.5	
	1400		336.5	352.5	
	1410		336.5	352.5	
	1420		336.5	352.5	
	1430		336.5	352.5	
	1440		336.5	352.5	
STOPPED JETTING. (1-18-75)	2100		336.5	352.5	
	1450		336.5	352.5	
	1460		336.5	352.5	
	1462		336.8	353.2	
	1464		336.8	353.5	
	1466		336.8	353.8	
	1468		336.8	354.1	
	1470		336.8	354.5	
	1472		336.8	354.8	
II B-899	1474		336.8	354.8	



<u>DESCRIPTION</u>	<u>TIME OF DAY</u>	<u>INCRE.</u>	<u>INSTRUMENT</u> <u>#J-068</u> <u>PRESSURE</u> <u>(P.S.I.G.)</u>	<u>INSTRUMENT</u> <u>#J-080</u> <u>PRESSURE</u> <u>(P.S.I.G.)</u>	<u>INSTRUMENT</u> <u>#J-114</u> <u>PRESSURE</u> <u>(P.S.I.G.)</u>
		1476	336.8	355.1	
		1478	336.8	355.4	
		1480	336.8	355.7	
		1482	337.1	355.7	
		1484	337.1	356.0	
		1486	337.1	356.4	
		1488	337.1	356.4	
		1490	337.1	356.4	
		1492	337.1	356.7	
		1494	337.1	357.0	
		1496	337.1	357.0	
		1498	337.4	357.0	
		1500	337.8	357.0	
		1502	337.8	357.3	
		1504	337.8	357.3	
		1506	337.8	357.6	
		1508	338.1	358.0	
PULLED PACKER LOOSE	2200	1510	338.4	358.0	387.1
HYDROSTATIC AFTER PULLING LOOSE	-	-	343.8	363.7	378.7

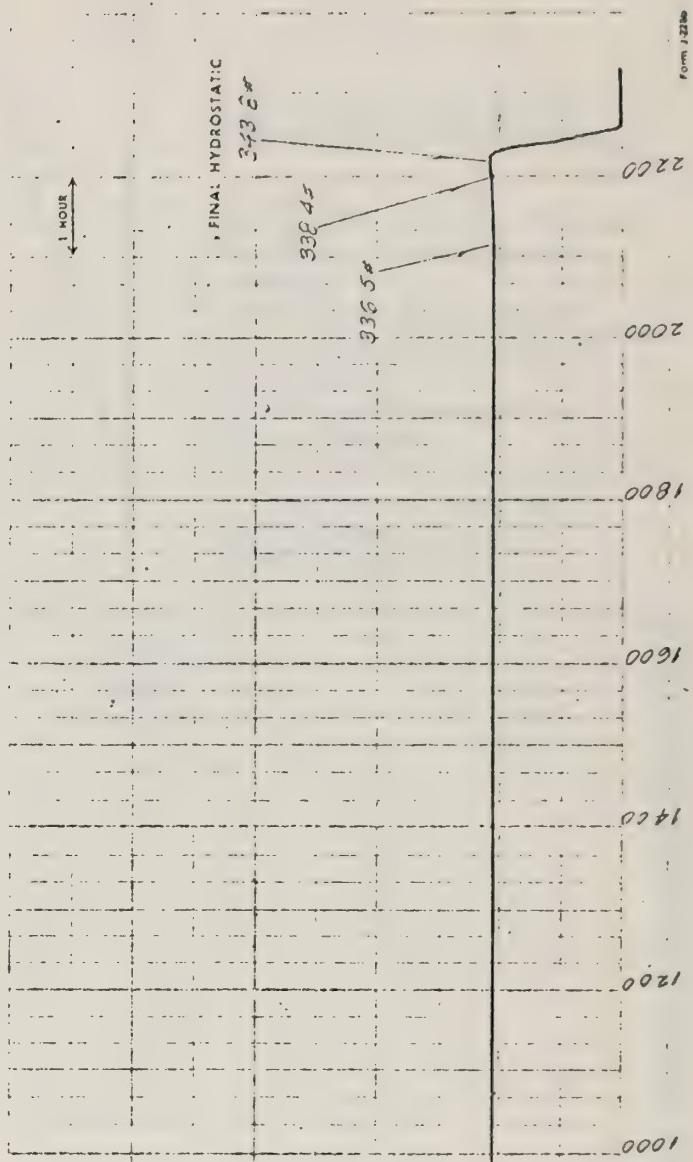
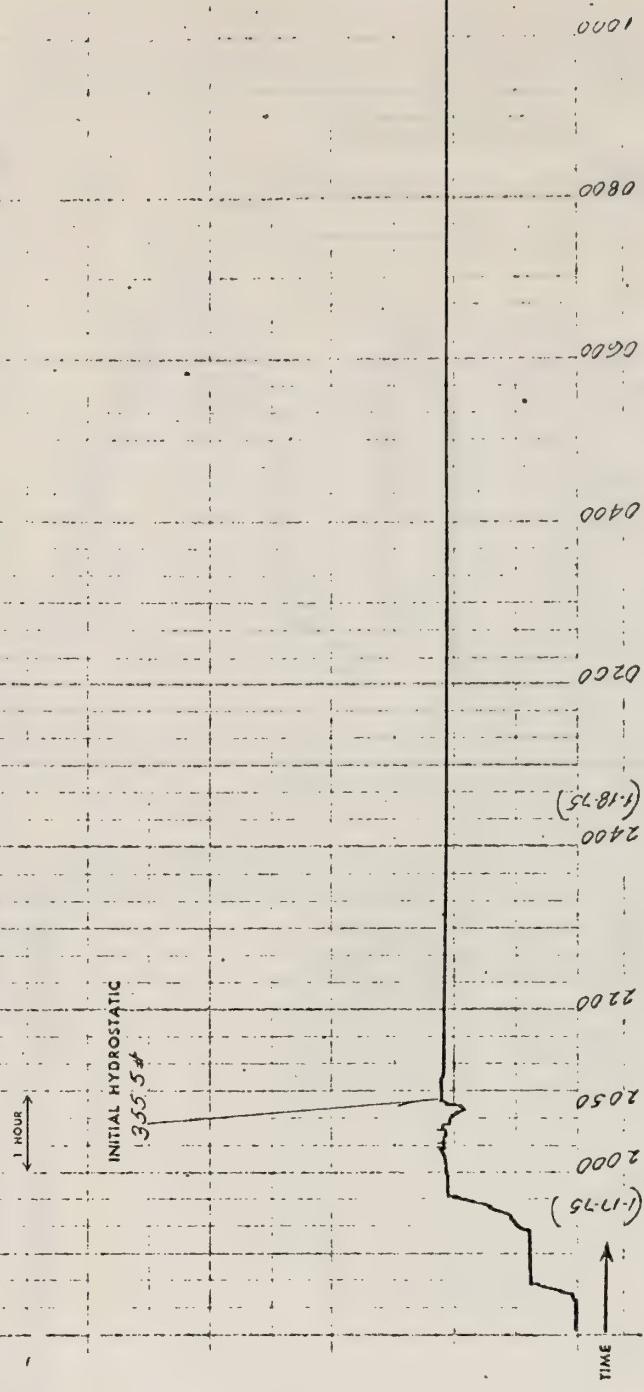




## PRESSURE LOG\*

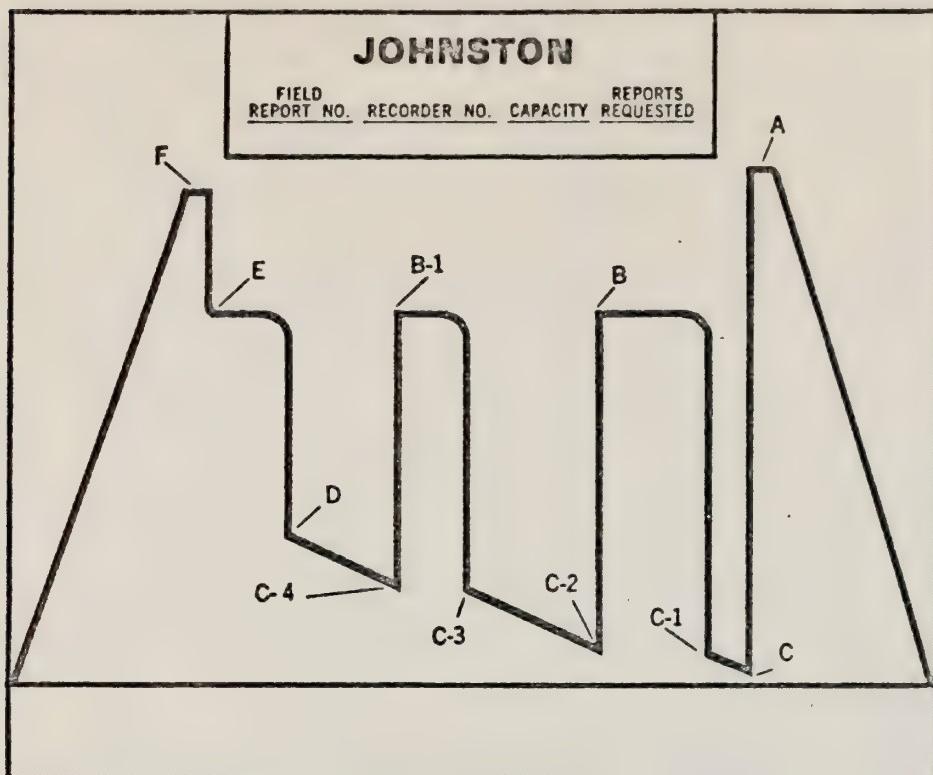
Field Report No. 04371 C  
 Instrument: J-068  
 Number: 1600 p.s.i.  
 Capacity: 898 ft.  
 Depth:

A COMMUNAL PRACTICE OF THE RURGICAL CHURCH





## GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS



- A. Initial Hyd. Mud
- B. Initial Shut-in
- C. Initial Flow
- D. Final Flow
- E. Final Shut-in
- F. Final Hyd. Mud

The following points are either fluctuating pressures or points indicating other packer settings, (testing different zones).

- A-1, A-2, A-3, etc. Initial Hyd. Pressures
- B-1, B-2, B-3, etc. Subsequent Shut-in Pressures
- C-1, C-2, C-3, etc. Flowing Pressures
- D-1, D-2, D-3, etc. Subsequent Final Flow Pressures
- E-1, E-2, E-3, etc. Subsequent Final Shut-in Pressures
- F-1, F-2, F-3, etc. Final Hyd. Mud Pressures
- Z—Special pressure points such as pumping pressure recorded for formation breakdown.



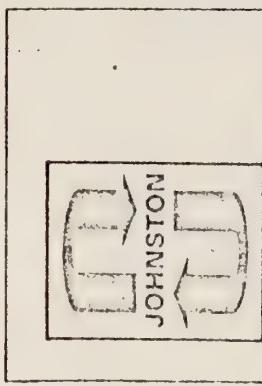
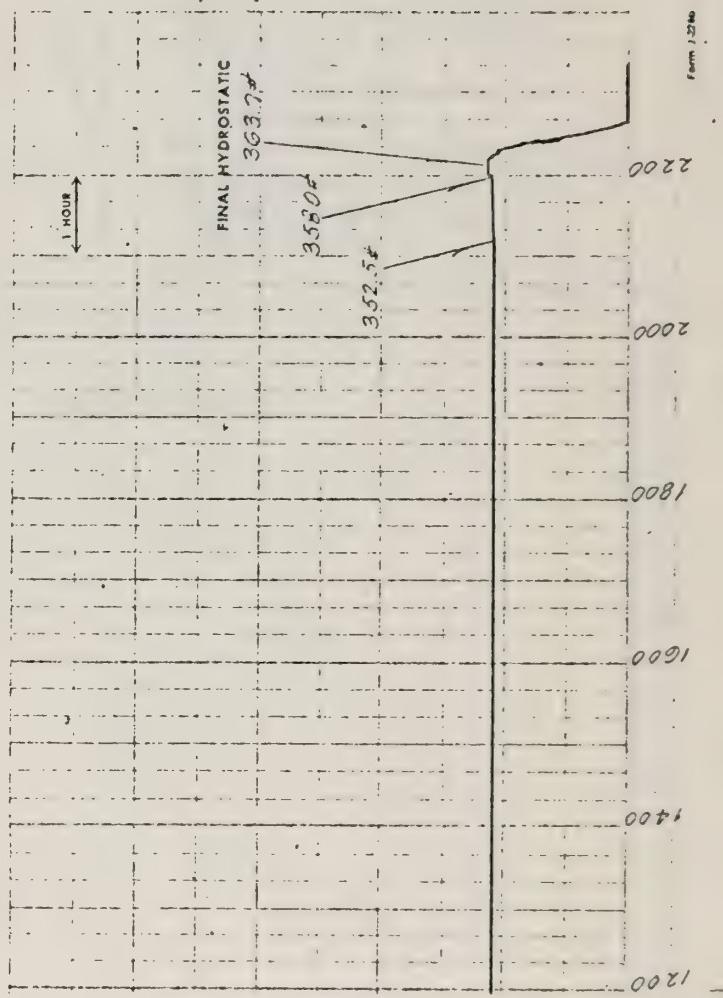
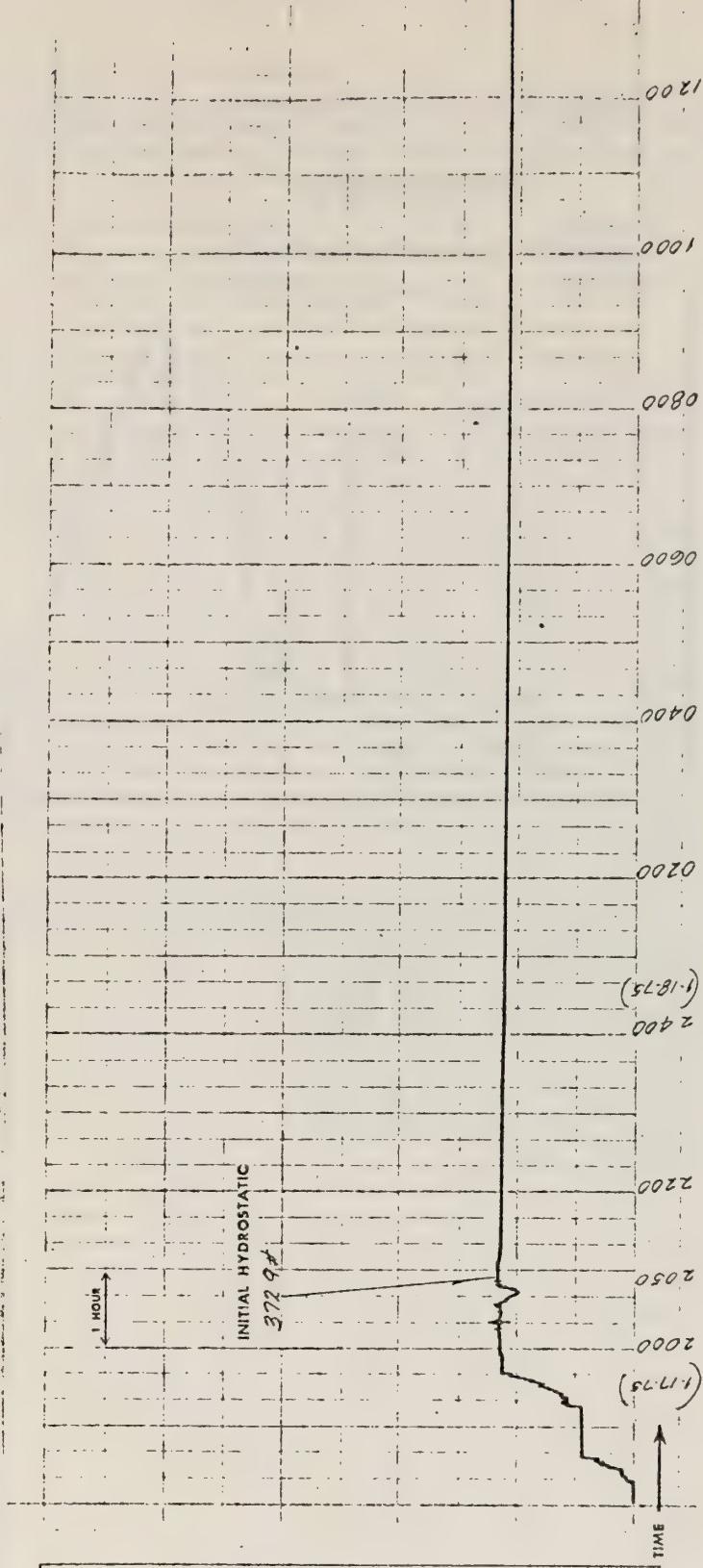
FIELD REPORT NO.	RECORDER NO.
04371 C	J-068
CAPACITY	REPORTS REQUESTED
1600#	14+

II B-902

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## PRESSURE LOG\*

Field Report No. 04371C  
 Instrument: J-080  
 Number:  
 Capacity: 1600 p.s.i.  
 Depth 937 ft.

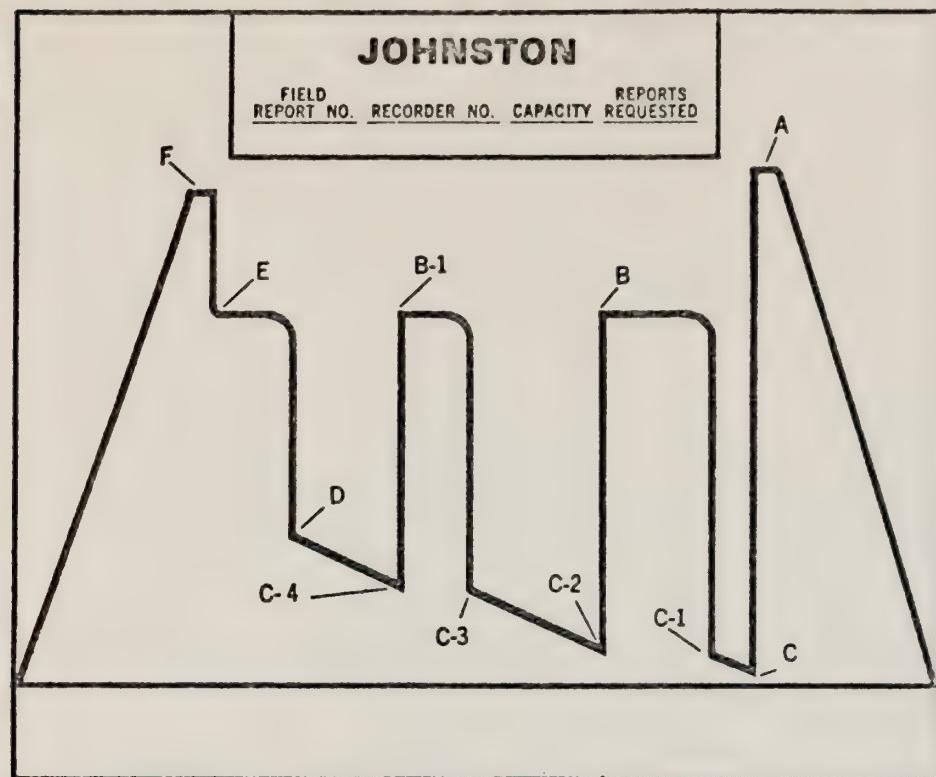
• Occipital venous tracing of the original cran-

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## GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS



- A. Initial Hyd. Mud
- B. Initial Shut-in
- C. Initial Flow
- D. Final Flow
- E. Final Shut-in
- F. Final Hyd. Mud

The following points are either fluctuating pressures or points indicating other packer settings, (testing different zones).

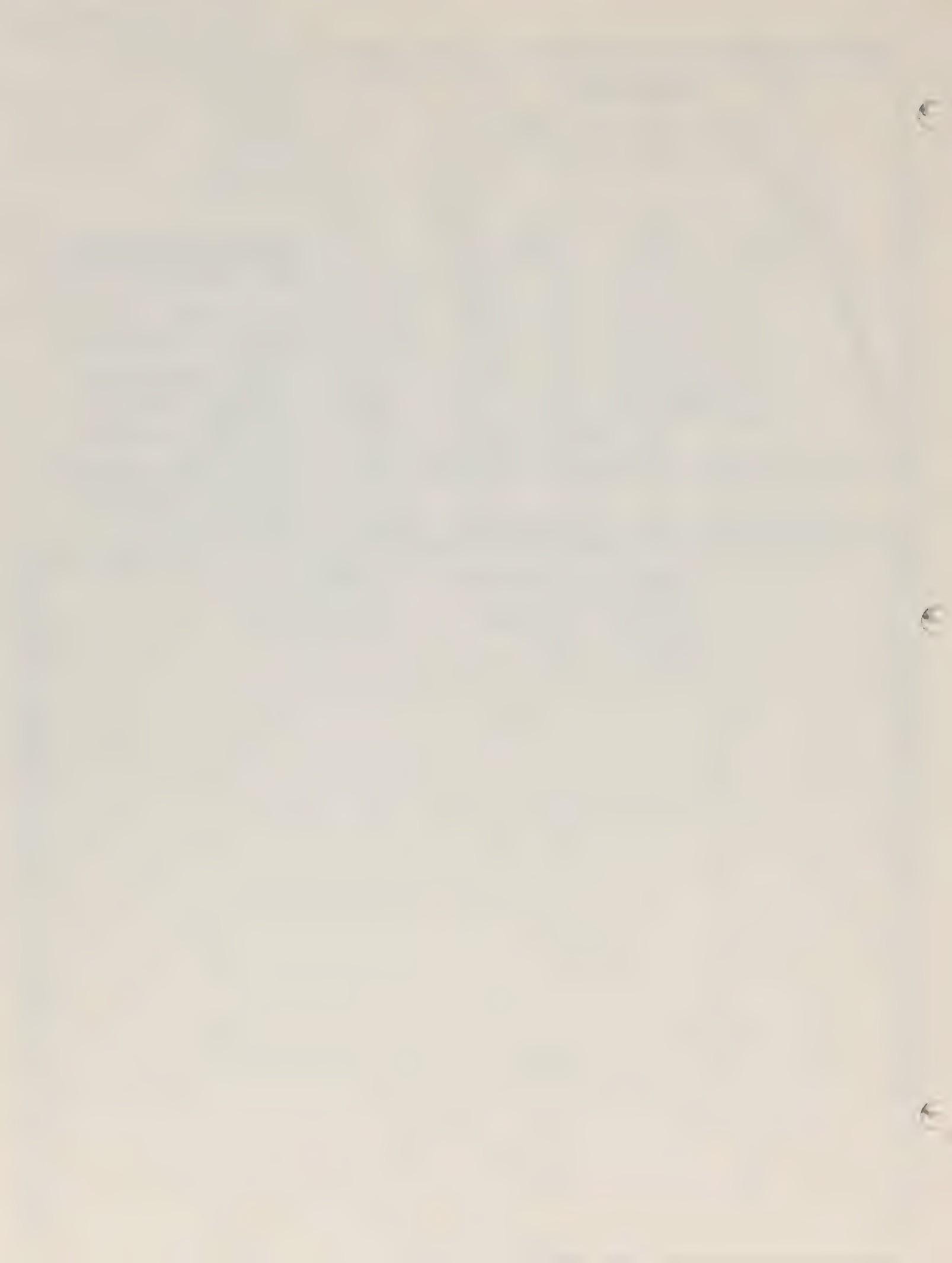
- A-1, A-2, A-3, etc. Initial Hyd. Pressures
- B-1, B-2, B-3, etc. Subsequent Shut-in Pressures
- C-1, C-2, C-3, etc. Flowing Pressures
- D-1, D-2, D-3, etc. Subsequent Final Flow Pressures
- E-1, E-2, E-3, etc. Subsequent Final Shut-in Pressures
- F-1, F-2, F-3, etc. Final Hyd. Mud Pressures
- Z—Special pressure points such as pumping pressure recorded for formation breakdown.

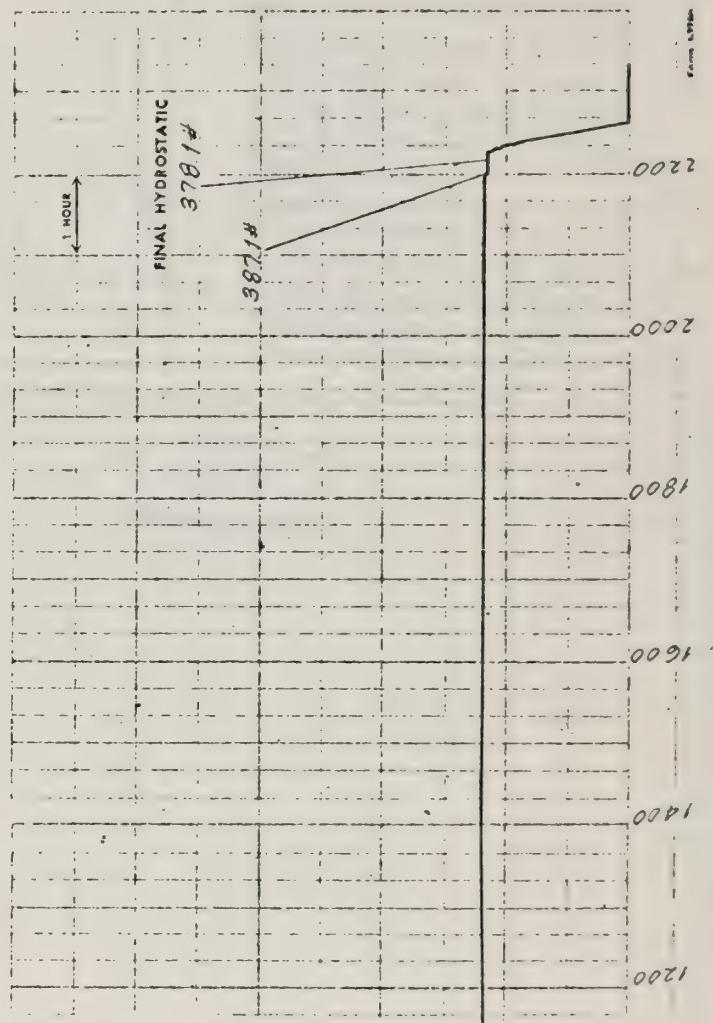
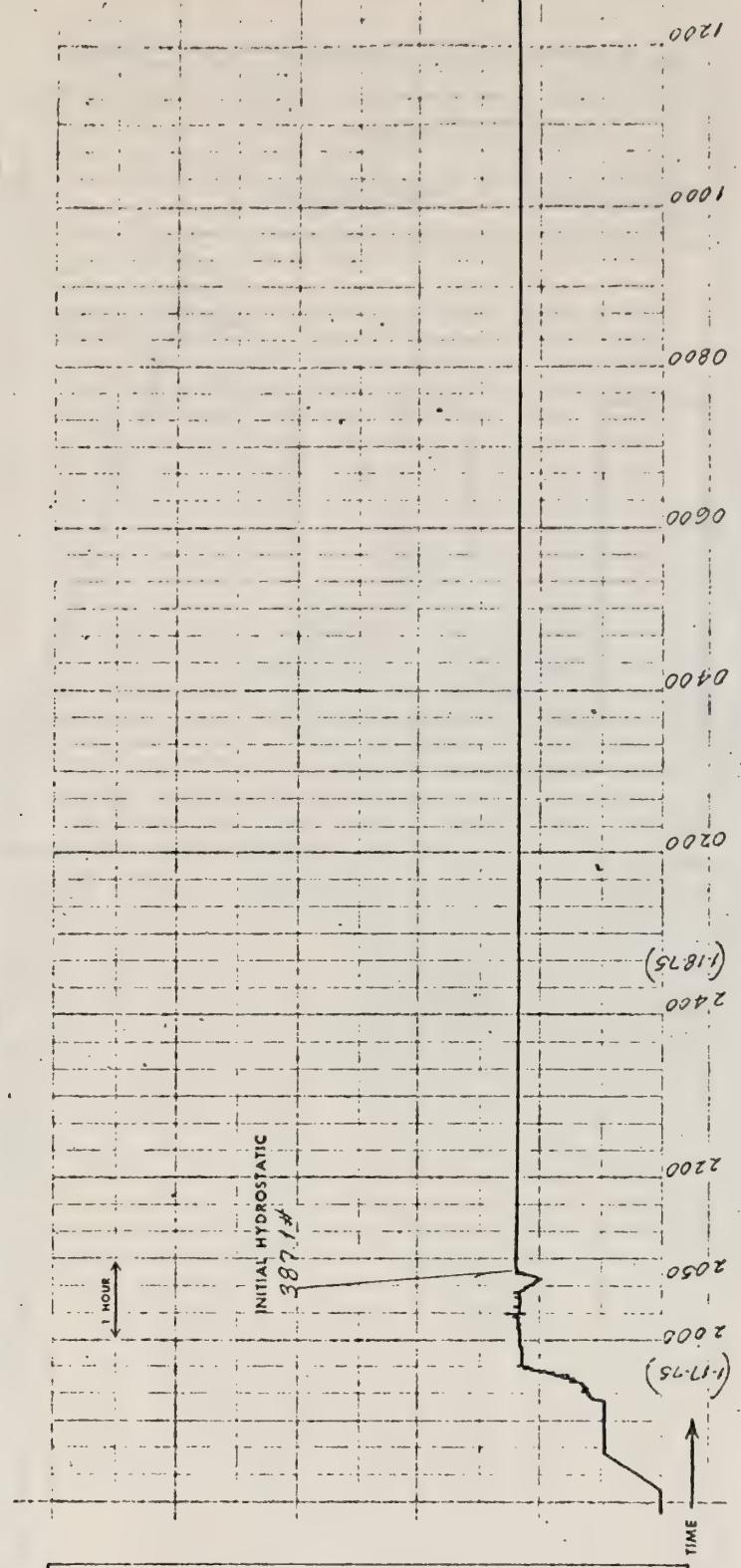


FIELD REPORT NO. 04371 C RECORDER NO. J-080  
 CAPACITY 1600# REPORTS REQUESTED 14+

Q50

II B-904





	JOHNSTON
	5
	5
	5

PRESSURE LOG\*

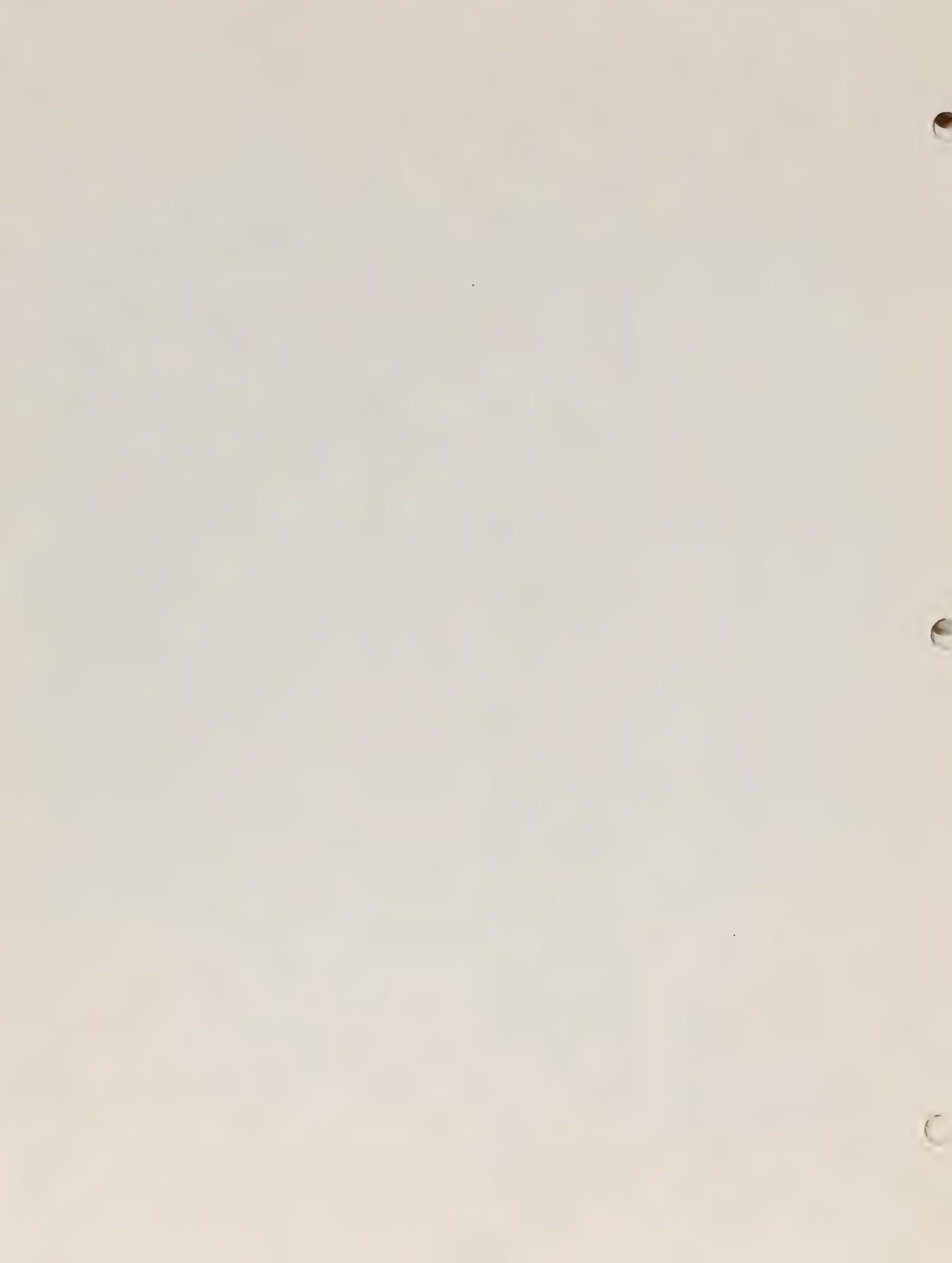
Field Report No. 04371 C

Instrument Number: J. 114

Capacity 1600 p.s.i.

Depth 964 ft.

\*a continuous tracing of the original chart



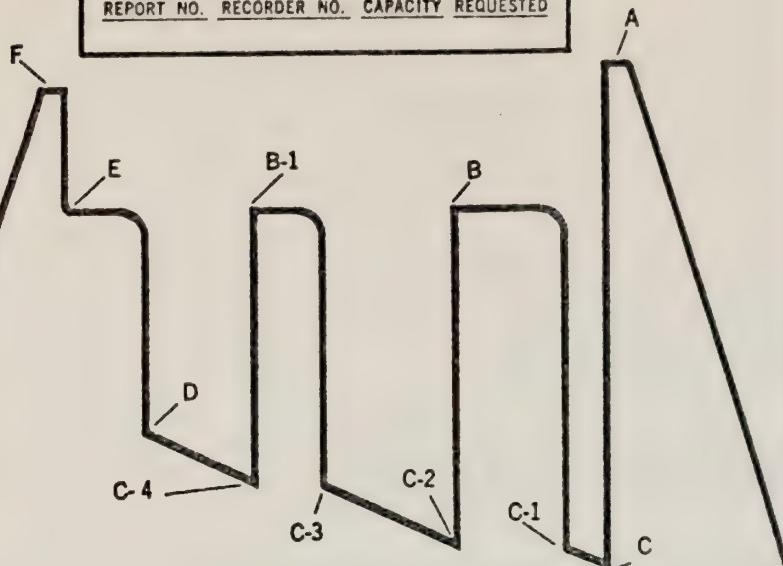


JOHNSTON  
...found a better way

## GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS

**JOHNSTON**

FIELD REPORT NO. RECORDER NO. CAPACITY REPORTS REQUESTED



- A. Initial Hyd. Mud
- B. Initial Shut-in
- C. Initial Flow
- D. Final Flow
- E. Final Shut-in
- F. Final Hyd. Mud

The following points are either fluctuating pressures or points indicating other packer settings, (testing different zones).

- A-1, A-2, A-3, etc. Initial Hyd. Pressures
- B-1, B-2, B-3, etc. Subsequent Shut-in Pressures
- C-1, C-2, C-3, etc. Flowing Pressures
- D-1, D-2, D-3, etc. Subsequent Final Flow Pressures
- E-1, E-2, E-3, etc. Subsequent Final Shut-in Pressures
- F-1, F-2, F-3, etc. Final Hyd. Mud Pressures
- Z—Special pressure points such as pumping pressure recorded for formation breakdown.



FIELD REPORT NO.

04371 C

CAPACITY

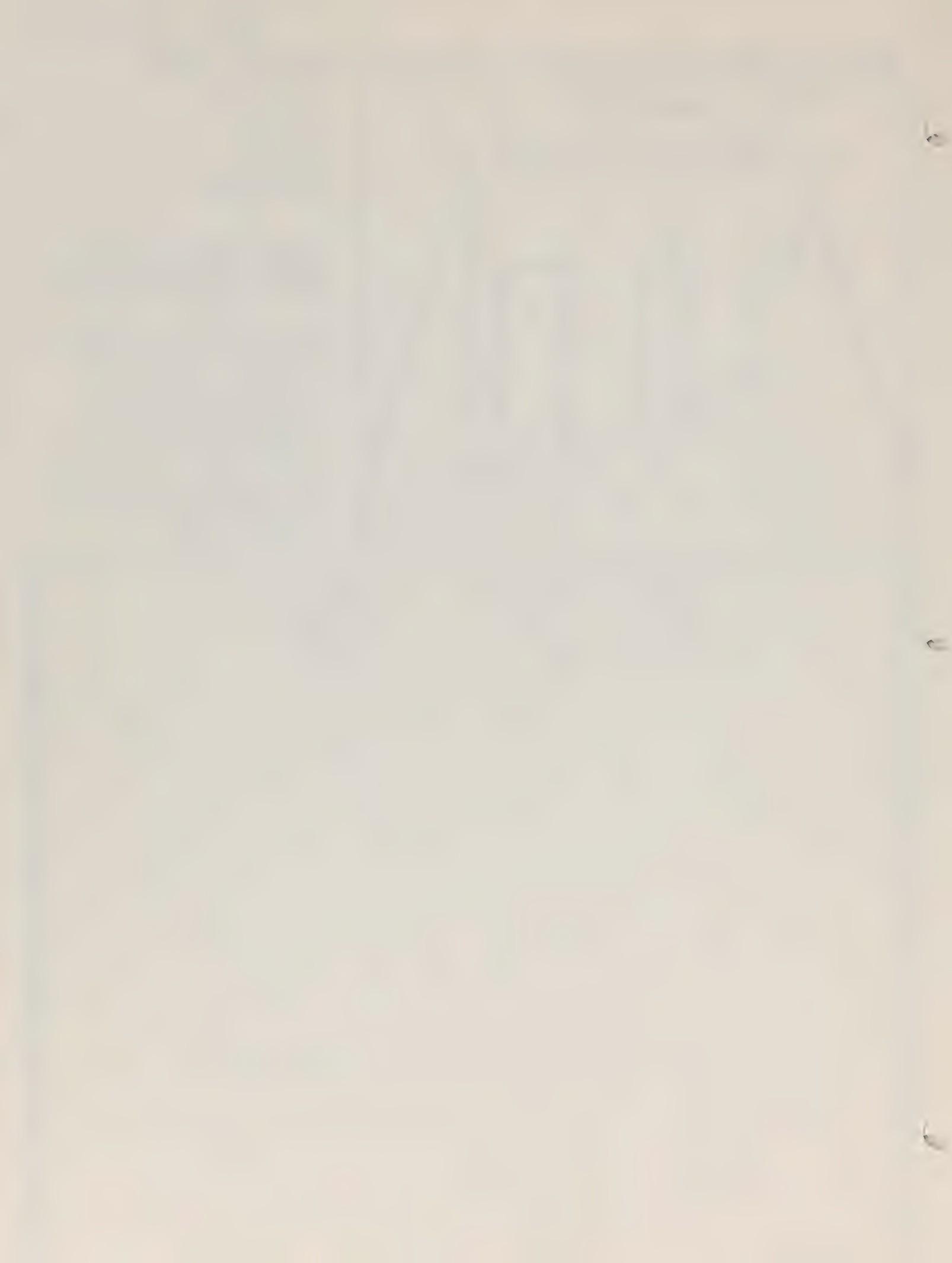
1600#

RECORDER NO.

J-114

REPORTS REQUESTED

14+



COMPANY ATLANTIC RICHEY FIELD WELL FEDERAL S.G. #1 TEST NO. 3 COUNTY RIO BLANCO STATE COLORADO

RECEIVED

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A. J. L.

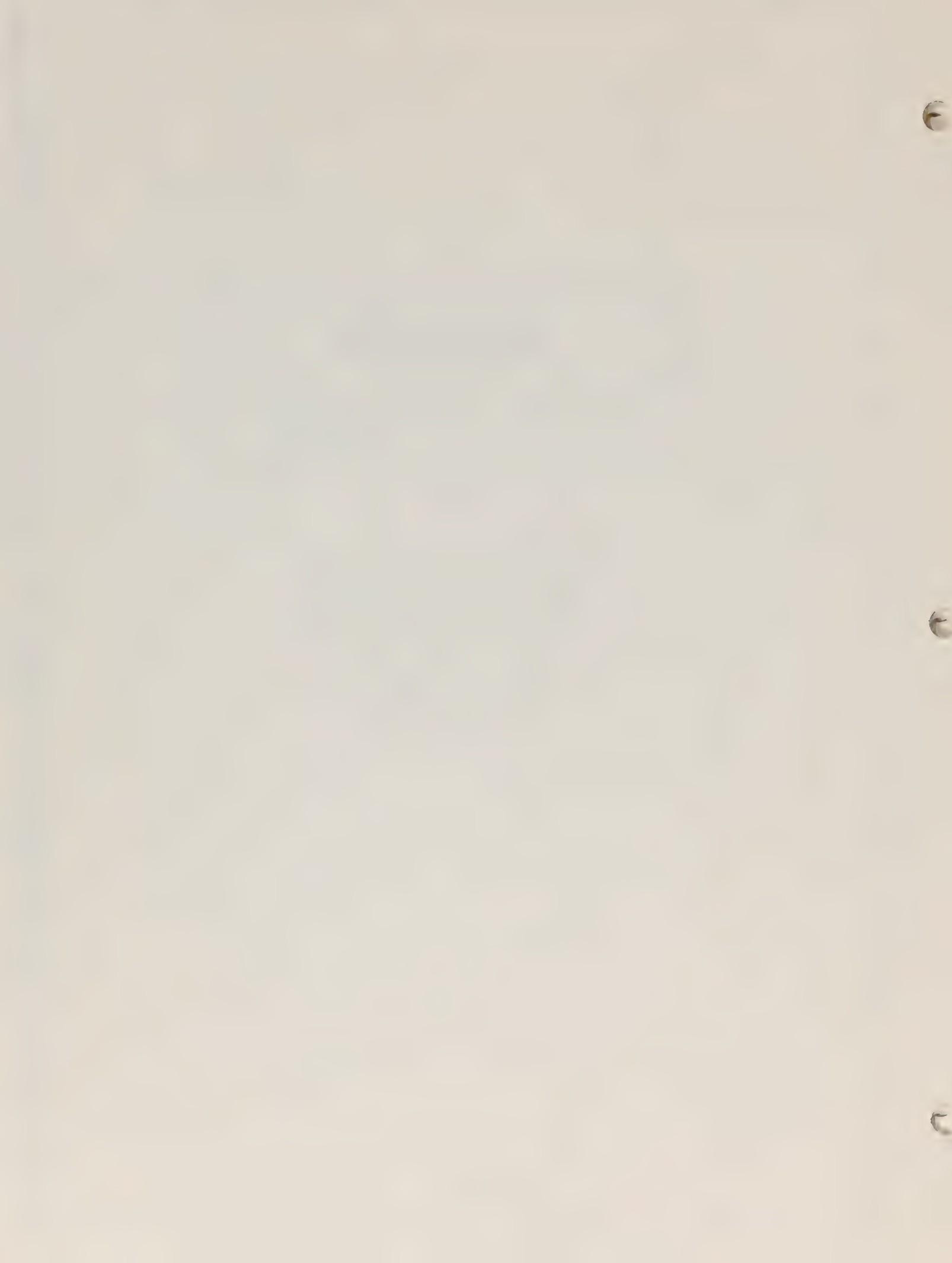
JOHNSTON

Schlumberger

technical  
report

II B-907

F.R. #04372 C





## **SURFACE INFORMATION**

## MUD DATA

Mud Type WATER Wt. -  
 Viscosity - Water Loss - C.C.  
 Resist. of Mud - @ - °F; of Filtrate - @ - °F  
 Chloride Content - PPM

## EQUIPMENT & HOLE DATA

Type Test SELECTIVE ZONE STRADDLE OPEN  
 Formation Tested \_\_\_\_\_ - / HOLE  
 Elevation \_\_\_\_\_ 6428 G.L. Ft.  
 Net Productive Interval \_\_\_\_\_ - Ft.  
 Estimated Porosity \_\_\_\_\_ - %  
 All Depths Measured From GROUND LEVEL  
 Total Depth \_\_\_\_\_ 2525 Ft.  
 Main Hole/Casing Size \_\_\_\_\_ 6 3/4"  
 Rat Hole/Liner Size \_\_\_\_\_ -  
 Drill Collar Length \_\_\_\_\_ 120' I.D. -  
 Drill Pipe Length \_\_\_\_\_ 776' I.D. -  
 Packer Depth(s) \_\_\_\_\_ 944 & 968 Ft.

## MULTI-FLOW EVALUATOR FLUID SAMPLE DATA

Sampler Pressure \_\_\_\_\_ P.S.I.G. at Surface  
Recovery: Cu. Ft. Gas \_\_\_\_\_  
cc. Oil \_\_\_\_\_  
cc. Water \_\_\_\_\_  
cc. Mud \_\_\_\_\_  
Tot. Liquid cc. \_\_\_\_\_  
Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F.  
Gas/Oil Ratio \_\_\_\_\_ cu. ft./bbl.

	RESISTIVITY	CHLORIDE CONTENT
Recovery Water	_____ @ _____ °F.	_____ ppm
Recovery Mud	_____ @ _____ °F.	_____ ppm
Recovery Mud Filtrate	_____ @ _____ °F.	_____ ppm
Mud Pit Sample	_____ @ _____ °F.	_____ ppm
Mud Pit Sample Filtrate	_____ @ _____ °F.	_____ ppm

Remarks: FLUID LEVEL DOWN 159'.

Address 1500 SECURITY LIFE BUILDING, 1600 GLENARM; DENVER, COLORADO 80202

Company ATLANTIC RICHFIELD COMPANY Field SORGHUM GULCH  
Well FEDERAL S.G. #1 Location SEC. 2-3S-97W  
Test Interval 944' TO 968' Test # 3 Date 1-19-75

County RIO BLANCO State COLORADO Field Report No. 04372 C  
Technician MC LAUGHLIN (VERNA) Approved By MR. CHARLES BERGONZINI No. Reports Requested 14(13x)

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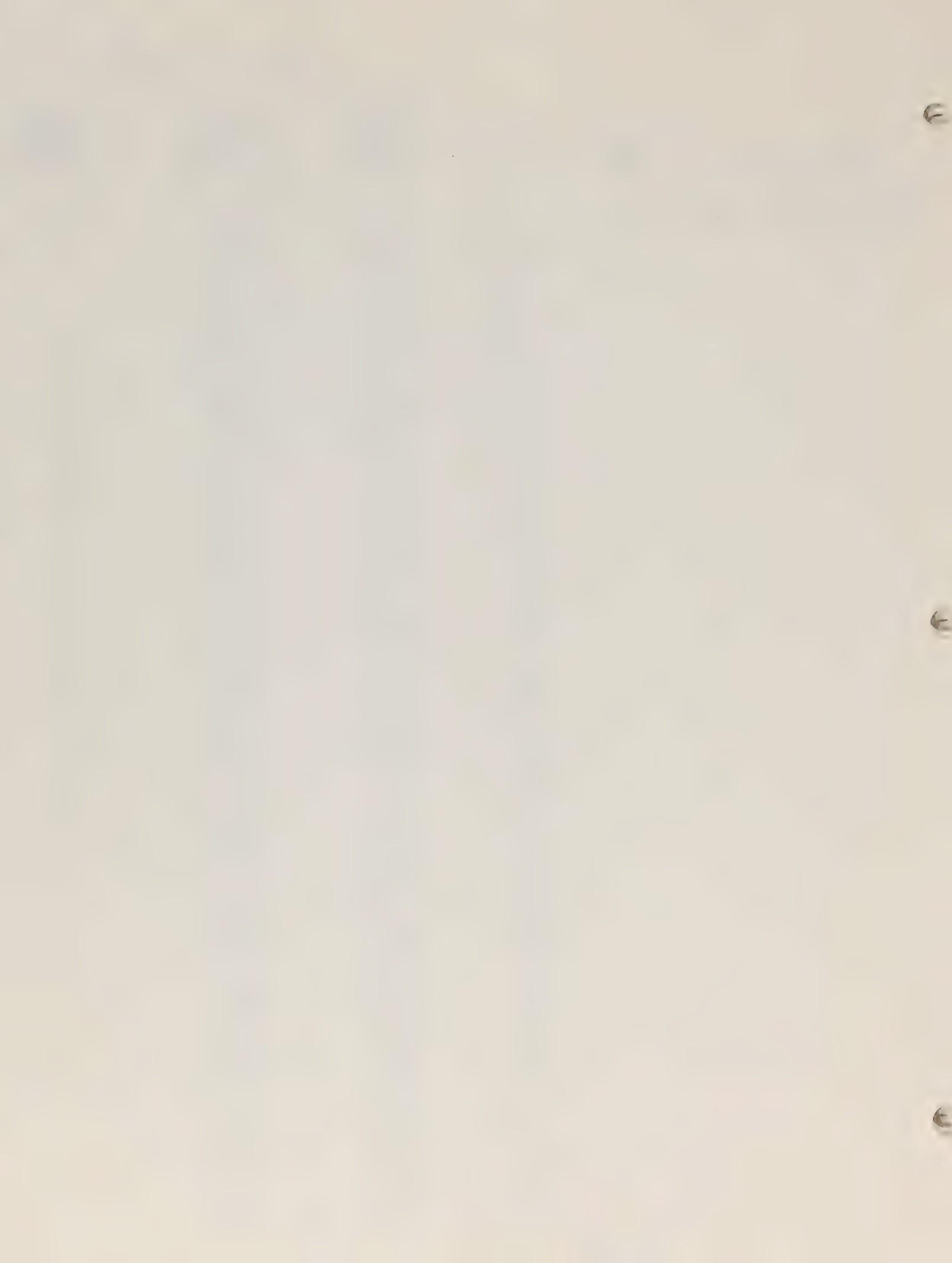
<u>COMPONENTS</u>	<u>SIZE / TYPE</u>	<u>LENGTH</u>
DRILL PIPE	2 7/8" / H-90	776.50'
DRILL COLLAR	4 3/4" / RIF	120.12'
RECORDER CARRIER	SPERRY-SUN	17.00'
RECORDER	4 7/8" / J-200	6.00'
PERFORATED ANCHOR	4 3/4" / HEVY	2.00'
SAFETY JOINT	4 3/4" / JT	2.00'
PACKER	5 3/4" / B.T.	6.00'
BLANK-OFF SUB	4 3/4"	1.70'
PERFORATED ANCHOR	4 3/4" / HEVY	12.00'
RECORDER	4 7/8" / J-200	6.00'
PACKER	5 3/4" / B.T.	6.00'
BLANK-OFF SUB	4 3/4"	1.70'
PERFORATED ANCHOR	4 3/4" / HEVY	12.00'
RECORDER	4 7/8" / J-200	6.00'
SELECTIVE ZONE ANCHORING DEVICE	6 3/4"	6.00'



## FIELD REPORT #04372 C

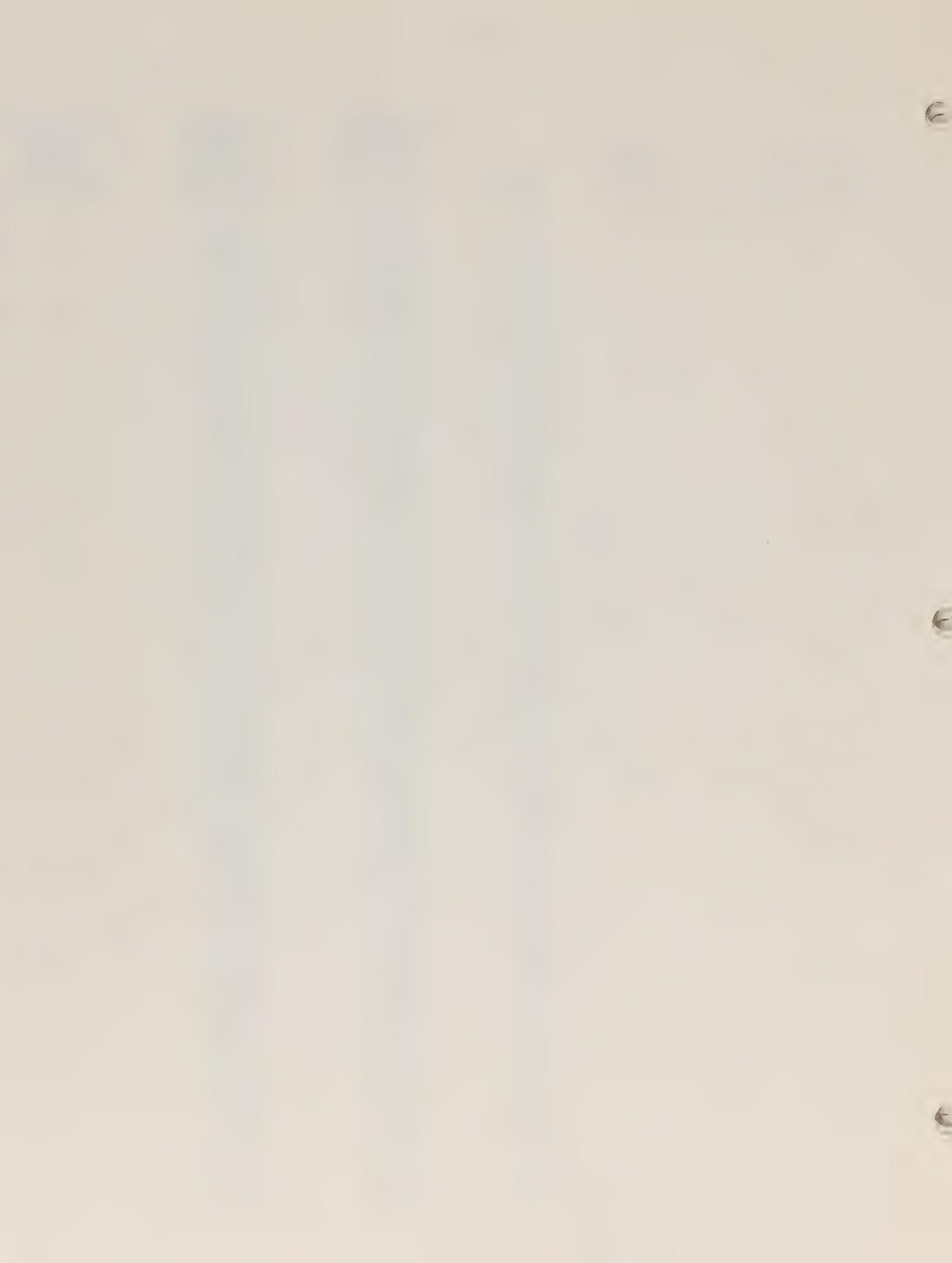
<u>DESCRIPTION</u>	<u>TIME OF DAY</u>	<u>INCRE.</u>	<u>INSTRUMENT #J-068 PRESSURE (P.S.I.G.)</u>	<u>INSTRUMENT #J-080 PRESSURE (P.S.I.G.)</u>	<u>INSTRUMENT #J-114 PRESSURE (P.S.I.G.)</u>
PRESSURE IMMEDIATELY AFTER PACKER WAS SET(1-19-75)	0218	0	365.0	374.2	390.0
		10	365.0	374.2	
		20	365.0	374.2	
		30	365.0	374.2	
		40	365.0	374.2	
		50	365.0	374.5	
		60	365.0	374.5	
		70	365.0	374.2	
		80	365.0	374.2	
		90	365.0	374.2	
		100	365.0	374.2	
		110	365.0	374.5	
		120	365.0	374.5	
		130	365.3	375.5	
		140	365.3	375.5	
		150	365.3	374.2	
		160	365.3	373.5	
		170	365.3	373.5	
		180	365.3	374.8	
		190	365.3	374.8	
		200	365.6	374.8	
		210	366.0	374.8	
		220	366.0	375.1	
		230	366.3	375.5	
		240	366.6	375.8	
		250	366.6	375.8	
		260	366.3	376.1	
		270	366.3	376.1	
		280	366.3	376.1	
		290	366.3	376.4	
		300	366.3	376.4	
		310	366.3	376.4	
		320	366.3	376.7	
		330	366.3	376.7	
		340	366.0	376.7	
		350	366.0	376.7	
		360	366.0	376.7	
		370	365.6	376.7	
		380	365.6	376.7	
		390	365.6	376.7	
		400	365.6	376.7	
		410	365.3	377.7	
		420	365.3	376.7	
		430	365.3	375.8	
		440	365.3	375.1	
		450	365.3	375.1	
		460	365.3	374.2	
		470	365.3	374.2	
		480	365.3	373.5	
		490	365.3	373.2	

NO MEASURABLE VARIATION IN PRESSURES DURING TEST.



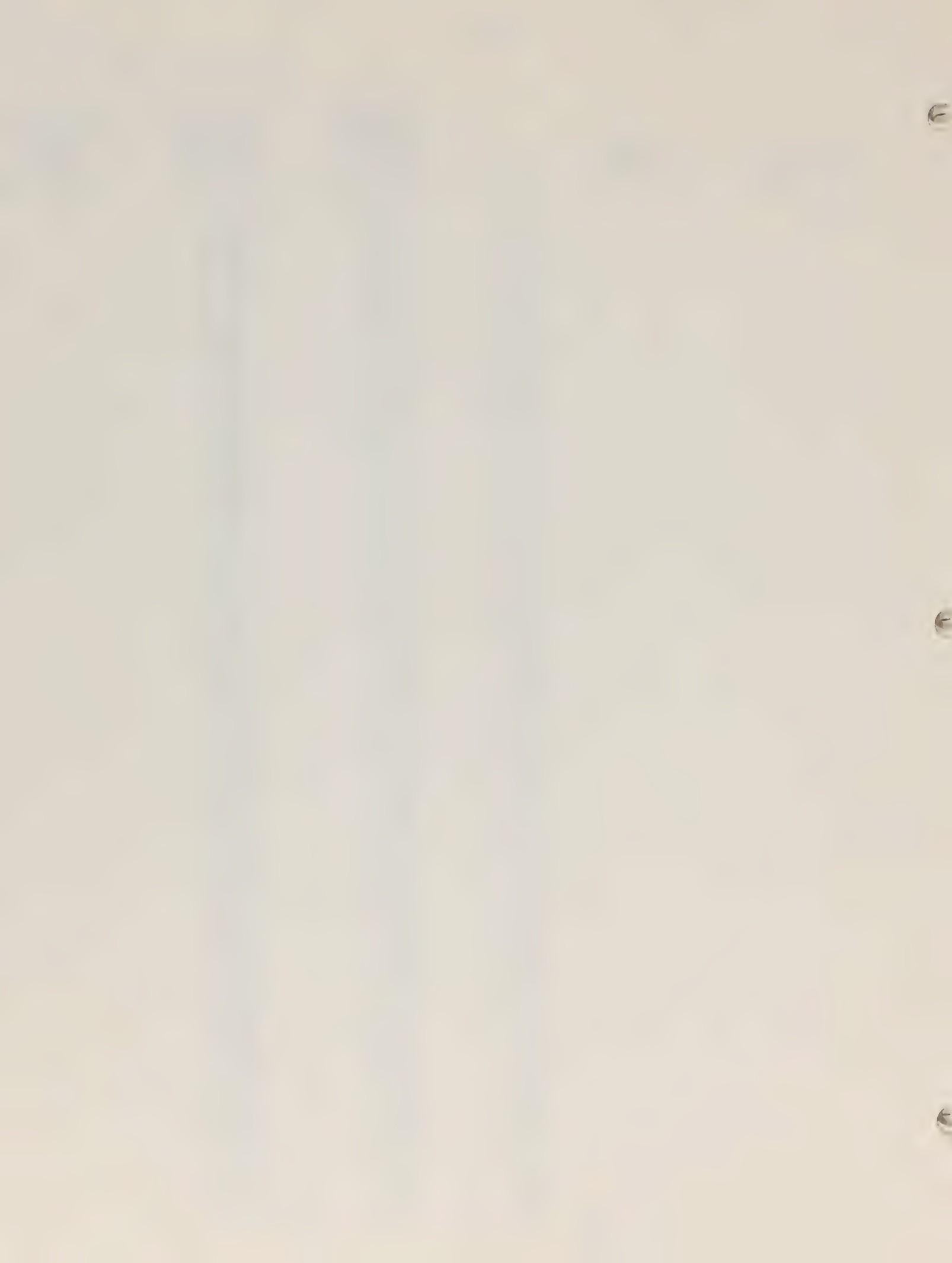
## FIELD REPORT #04372 C

<u>DESCRIPTION</u>	<u>TIME OF DAY</u>	<u>INCRE.</u>	<u>INSTRUMENT</u> <u>#J-068</u> <u>PRESSURE</u> <u>(P.S.I.G.)</u>	<u>INSTRUMENT</u> <u>#J-080</u> <u>PRESSURE</u> <u>(P.S.I.G.)</u>	<u>INSTRUMENT</u> <u>#J-114</u> <u>PRESSURE</u> <u>(P.S.I.G.)</u>
		500	364.0	372.6	
		510	363.4	372.3	
		520	363.4	371.9	
		530	362.5	371.0	
		540	362.5	371.0	
		550	362.5	371.0	
		560	362.1	370.3	
		570	362.1	370.3	
		580	362.1	370.0	
		590	362.1	370.0	
		600	362.1	371.0	
		610	362.1	371.0	
		620	362.1	371.0	
		630	362.1	371.0	
		640	361.8	371.0	
STARTED JETTING WATER FROM SG1-A WELL.		650	361.8	371.0	
		660	361.8	371.6	
		670	361.8	371.6	
		680	362.8	371.9	
		690	362.8	372.3	
		700	362.8	372.6	
		710	362.8	372.9	
		720	362.8	372.6	
		730	362.8	371.9	
		740	362.5	371.6	
		750	362.5	371.3	
		760	362.1	371.0	
		770	362.1	371.0	
		780	362.1	370.7	
		790	362.1	370.7	
		800	362.1	371.6	
		810	362.1	372.6	
		820	362.1	373.2	
		830	362.1	373.5	
		840	362.1	374.2	
		850	362.1	374.5	
		860	362.1	374.5	
		870	362.1	373.2	
		880	362.1	372.3	
		890	362.1	371.3	
		900	362.1	371.0	
		910	361.2	370.3	
		920	360.5	370.0	
		930	359.9	369.4	
		940	359.9	369.1	
		950	359.6	368.7	
		960	359.3	368.4	
		970	359.0	368.1	
		980	358.6	367.8	
		990	358.0	367.5	

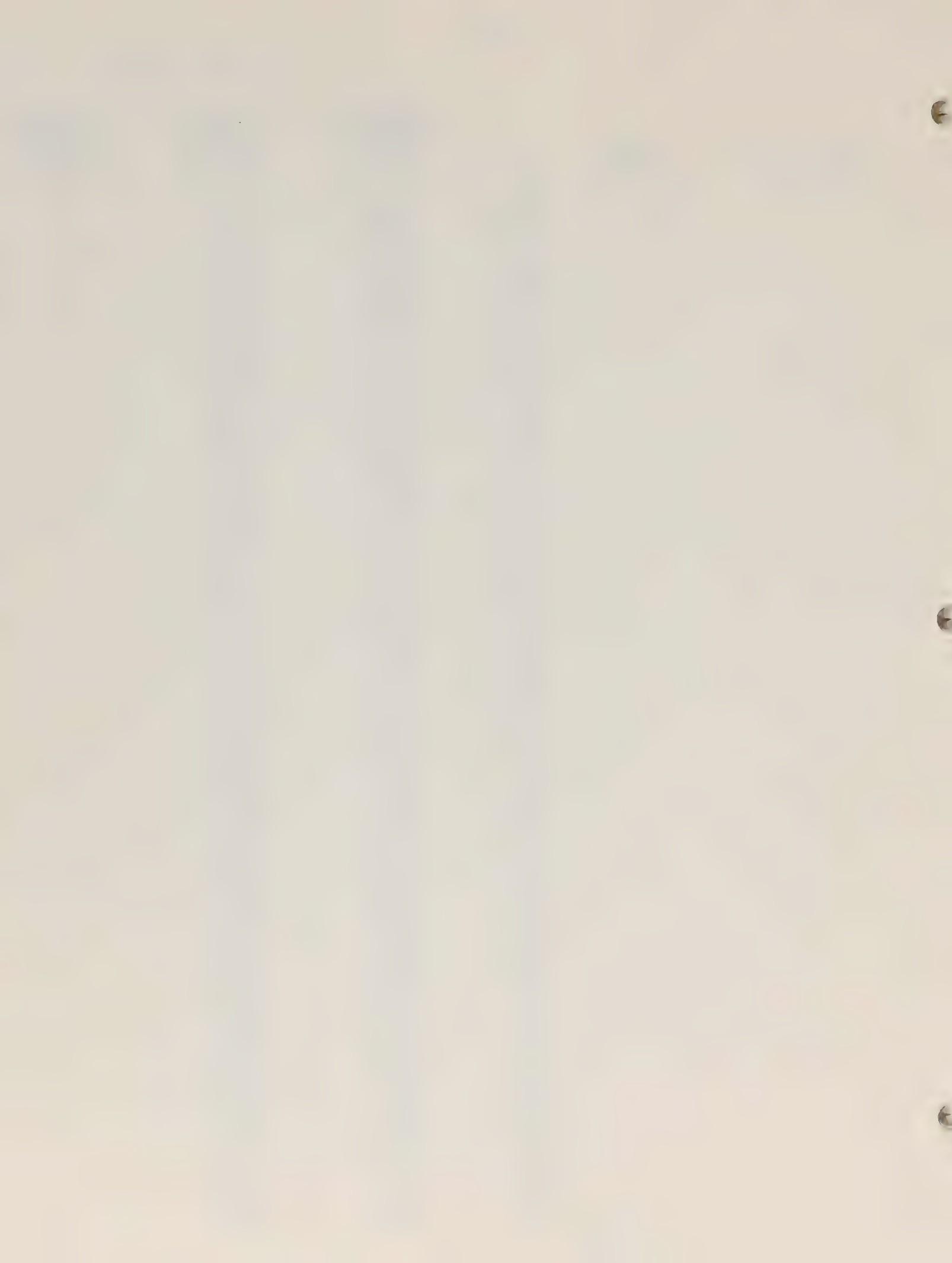


FIELD REPORT #04372 C

<u>DESCRIPTION</u>	<u>TIME OF DAY</u>	<u>INCRE.</u>	<u>INSTRUMENT</u> <u>#J-068</u> <u>PRESSURE</u> (P.S.I.G.)	<u>INSTRUMENT</u> <u>#J-080</u> <u>PRESSURE</u> (P.S.I.G.)	<u>INSTRUMENT</u> <u>#J-114</u> <u>PRESSURE</u> (P.S.I.G.)
	1000		358.0	367.5	
	1010		357.7	367.2	
	1020		357.7	367.2	
	1030		357.4	367.2	
	1040		357.4	367.2	
	1050		357.0	367.2	
	1060		356.7	367.2	
	1070		356.7	366.8	
	1080		356.4	366.5	
	1090		356.4	366.5	
	1100		356.4	366.5	
	1110		356.4	366.2	
	1120		356.1	366.2	
	1130		356.1	365.9	
	1140		355.8	366.2	
	1150		355.8	366.2	
	1160		355.8	365.9	
	1170		355.8	365.6	
	1180		355.8	365.6	
	1190		355.5	365.2	
	1200		355.5	365.2	
	1210		355.5	365.2	
	1220		355.5	365.2	
	1230		355.5	365.2	
	1240		355.5	365.2	
	1250		355.5	365.2	
	1260		355.1	365.2	
	1270		355.1	364.9	
	1280		355.1	364.9	
	1290		355.1	364.9	
	1300		355.1	364.9	
(1-20-75)	1310		355.1	364.9	
	1320		355.1	364.9	
	1330		355.1	364.9	
	1340		355.1	364.9	
	1350		355.1	364.9	
	1360		355.1	364.9	
	1370		355.1	364.9	
	1380		355.1	364.9	
	1390		355.1	364.9	
	1400		355.1	364.9	
	1410		354.8	364.6	
	1420		354.8	364.6	
	1430		354.8	364.6	
	1440		354.5	364.3	
	1450		354.2	364.3	
	1460		354.2	364.3	
	1470		354.2	364.3	
	1480		354.2	364.3	
	1490		354.2	364.3	
	1500		353.9	364.0	



<u>DESCRIPTION</u>	<u>TIME OF DAY</u>	<u>INCRE.</u>	<u>INSTRUMENT</u> <u>#J-068</u> <u>PRESSURE</u> <u>(P.S.I.G.)</u>	<u>INSTRUMENT</u> <u>#J-080</u> <u>PRESSURE</u> <u>(P.S.I.G.)</u>	<u>INSTRUMENT</u> <u>#J-114</u> <u>PRESSURE</u> <u>(P.S.I.G.)</u>
	1510		353.5	364.0	
	1520		353.5	363.6	
	1530		353.5	363.6	
	1540		353.2	363.3	
	1550		353.2	363.3	
	1560		352.9	363.3	
	1570		352.9	363.3	
	1580		352.9	363.3	
	1590		352.9	363.3	
	1600		352.6	363.3	
	1610		352.6	363.3	
	1620		352.6	363.0	
	1630		352.6	363.0	
	1640		352.6	363.0	
	1650		352.6	363.0	
	1660		352.6	363.0	
	1670		352.6	363.0	
	1680		352.6	363.0	
	1690		352.6	363.0	
	1700		352.6	363.0	
	1710		352.6	363.0	
	1720		352.6	363.0	
	1730		352.6	363.0	
	1740		352.6	363.0	
	1750		352.6	363.0	
	1760		352.6	363.0	
	1770		352.6	363.0	
	1780		352.6	363.0	
	1790		352.6	363.0	
	1800		352.6	363.0	
	1810		352.6	363.0	
	1820		352.6	363.0	
	1830		352.6	363.0	
	1840		352.6	363.0	
	1850		352.6	363.0	
	1860		352.6	363.0	
	1870		352.6	363.0	
	1880		352.6	363.0	
	1890		352.6	363.0	
	1900		352.6	363.0	
	1910		352.6	363.0	
	1920		352.6	363.0	
	1930		352.6	363.0	
	1940		352.6	363.0	
	1950		352.6	363.0	
	1960		352.6	363.0	
	1970		352.6	363.0	
	1980		352.6	363.0	
	1990		352.6	363.0	
	2000		352.6	363.0	
	2010		352.6	363.0	



## FIELD REPORT #04372 C

<u>DESCRIPTION</u>	<u>TIME OF DAY</u>	<u>INSTRUMENT #J-068</u> <u>PRESSURE</u> <u>(P.S.I.G.)</u>	<u>INSTRUMENT #J-080</u> <u>PRESSURE</u> <u>(P.S.I.G.)</u>	<u>INSTRUMENT #J-114</u> <u>PRESSURE</u> <u>(P.S.I.G.)</u>
FINISHED JETTING.				
	2020	352.6	363.0	
	2030	352.3	362.7	
	2040	352.3	362.4	
	2050	352.3	362.7	
	2060	352.0	363.6	
	2070	352.0	364.9	
	2080	351.6	365.6	
	2090	352.6	365.9	
	2100	352.9	366.2	
	2110	353.2	367.2	
	2120	353.5	367.5	
	2130	354.2	367.8	
	2140	354.5	368.4	
	2150	354.8	368.7	
	2160	355.1	369.1	
	2170	355.5	369.1	
	2180	355.8	369.4	
	2190	356.7	369.4	
	2200	356.7	369.7	
	2210	356.4	370.0	
	2220	356.7	370.3	
	2230	357.0	370.7	
	2240	357.4	371.9	
	2250	357.7	372.6	
	2260	357.7	372.9	
	2270	358.0	372.9	
	2280	358.3	373.2	
	2290	358.3	373.5	
	2300	358.3	373.9	
	2310	358.6	373.9	
	2320	359.0	373.9	
	2330	359.3	373.9	
	2340	359.6	373.9	
	2350	359.6	373.9	
	2360	359.6	373.9	
	2370	359.9	373.9	
	2380	360.2	373.9	
	2390	360.5	373.9	
	2400	360.5	373.9	
	2410	360.9	373.9	
	2420	361.2	374.2	
	2430	361.5	374.2	
	2440	361.8	374.5	
	2450	362.1	374.8	
	2460	362.5	374.8	
	2470	362.5	374.8	
	2480	362.8	375.1	
	2490	362.8	375.1	
	2500	362.8	375.1	
	2510	362.8	375.1	
	2520	362.8	375.5	
	2530	362.8	375.5	



## FIELD REPORT #04372 C

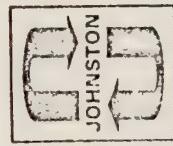
<u>DESCRIPTION</u>	<u>TIME OF DAY</u>	<u>INCRE.</u>	<u>INSTRUMENT</u> <u>#J-068</u> <u>PRESSURE</u> <u>(P.S.I.G.)</u>	<u>INSTRUMENT</u> <u>#J-080</u> <u>PRESSURE</u> <u>(P.S.I.G.)</u>	<u>INSTRUMENT</u> <u>#J-114</u> <u>PRESSURE</u> <u>(P.S.I.G.)</u>
	2540		362.8	375.5	
	2550		362.8	375.8	
	2560		362.8	375.8	
	2570		363.1	375.8	
	2580		363.1	375.8	
	2590		363.1	375.8	
	2600		363.1	375.8	
	2610		363.1	375.8	
	2620		363.1	376.1	
	2630		363.1	376.1	
	2640		363.1	376.1	
	2650		363.1	376.1	
	2660		363.1	376.4	
	2670		363.1	376.4	
	2680		363.1	376.4	
	2690		363.1	376.7	
	2700		363.4	376.7	
	2710		363.4	376.7	
	2720		363.4	376.7	
	2730		363.4	376.7	
	2740		363.7	376.7	
	2750		363.7	376.7	
	2760		363.7	376.7	
	2770		363.7	376.7	
	2780		363.7	376.7	
	2790		363.7	377.1	
	2800		364.0	377.4	
	2810		364.0	377.4	
	2820		364.4	377.4	
	2830		364.4	377.4	
	2840		364.4	377.4	
	2850		364.4	377.4	
	2860		364.7	377.4	
	2870		364.7	377.4	
	2880		364.7	377.4	
	2890		364.7	377.7	
				377.7	
				377.7	
					394.9
PRESSURE IMMEDIATELY BEFORE PACKER WAS PULLED LOOSE.	0230	2892	364.7		

(1-21-75)

PRESSURE IMMEDIATELY BEFORE

PACKER WAS PULLED LOOSE.





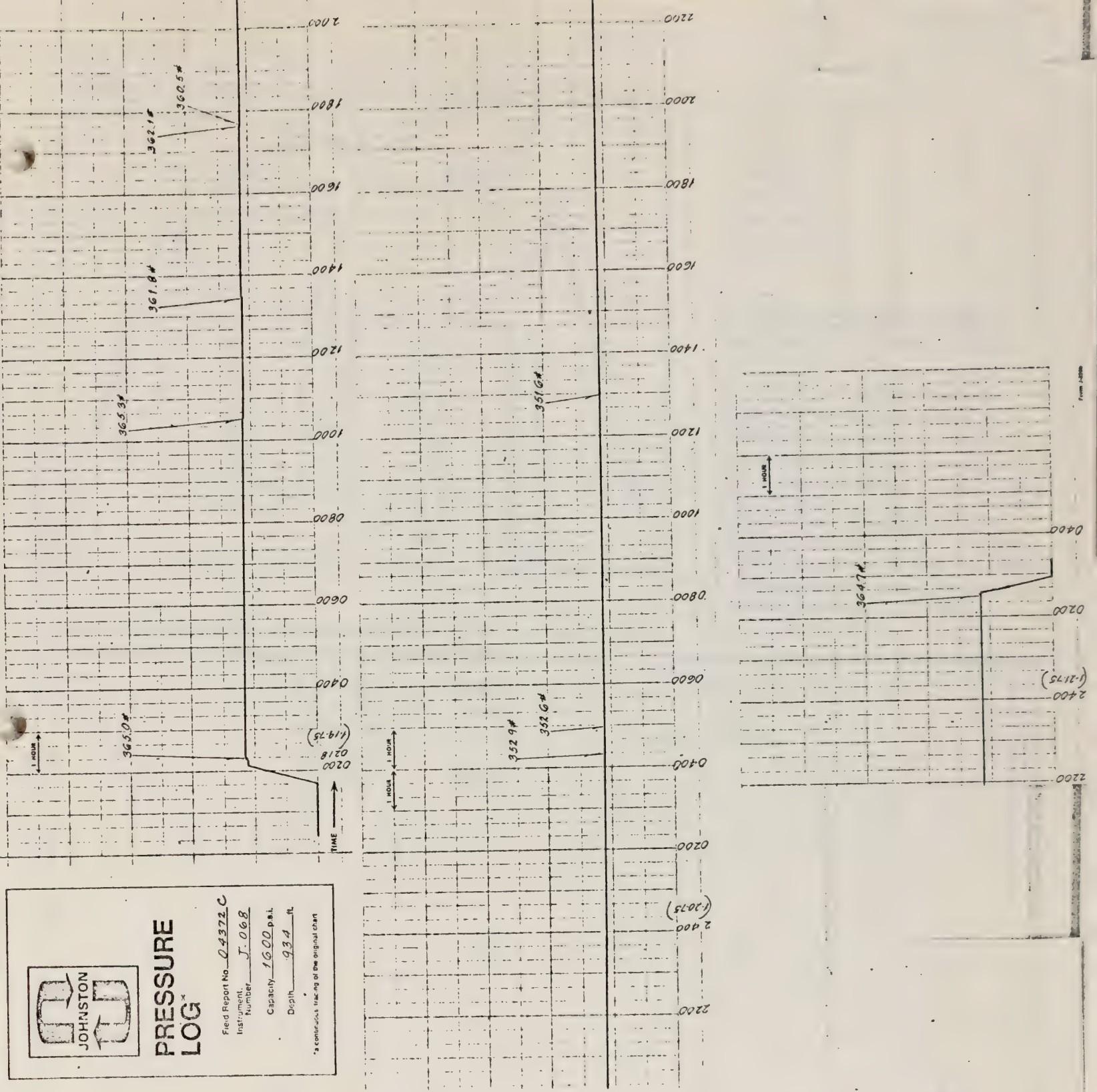
## PRESSURE LOG\*

Field Report No. 043722 C  
Instrument Number J. 068

Capacity 1600 psi.

Depth 934 ft.

\* A continuous tracing of the original chart



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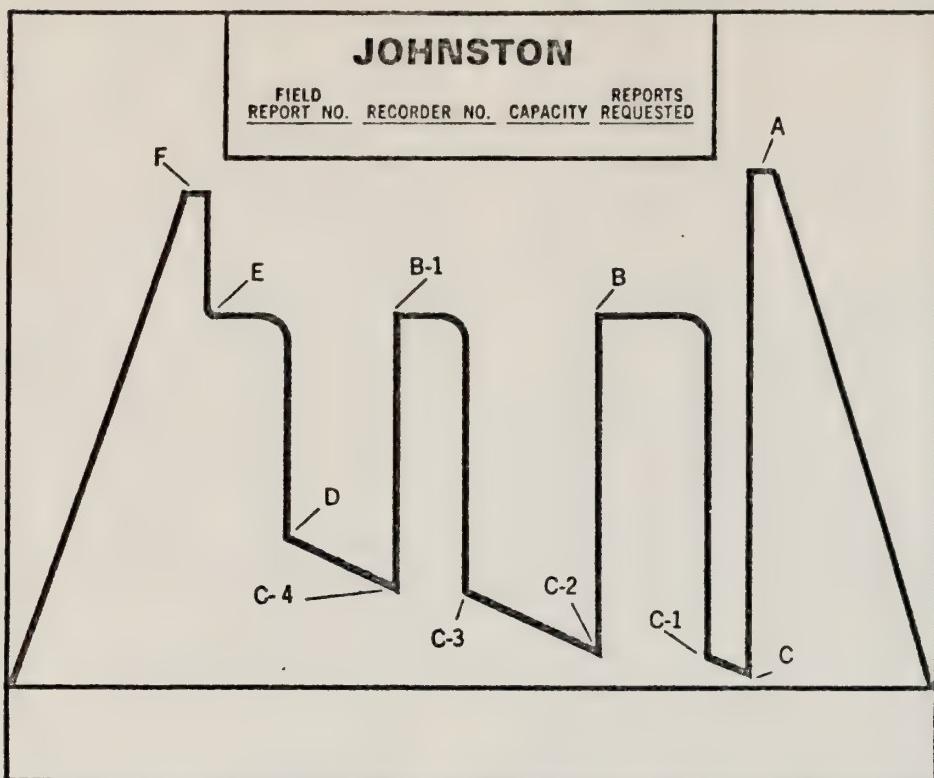
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## GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS



The following points are either fluctuating pressures or points indicating other packer settings, (testing different zones).



FIELD REPORT NO.	RECORDER NO.
04372 C	J-068
CAPACITY	REPORTS REQUESTED
1600#	14+

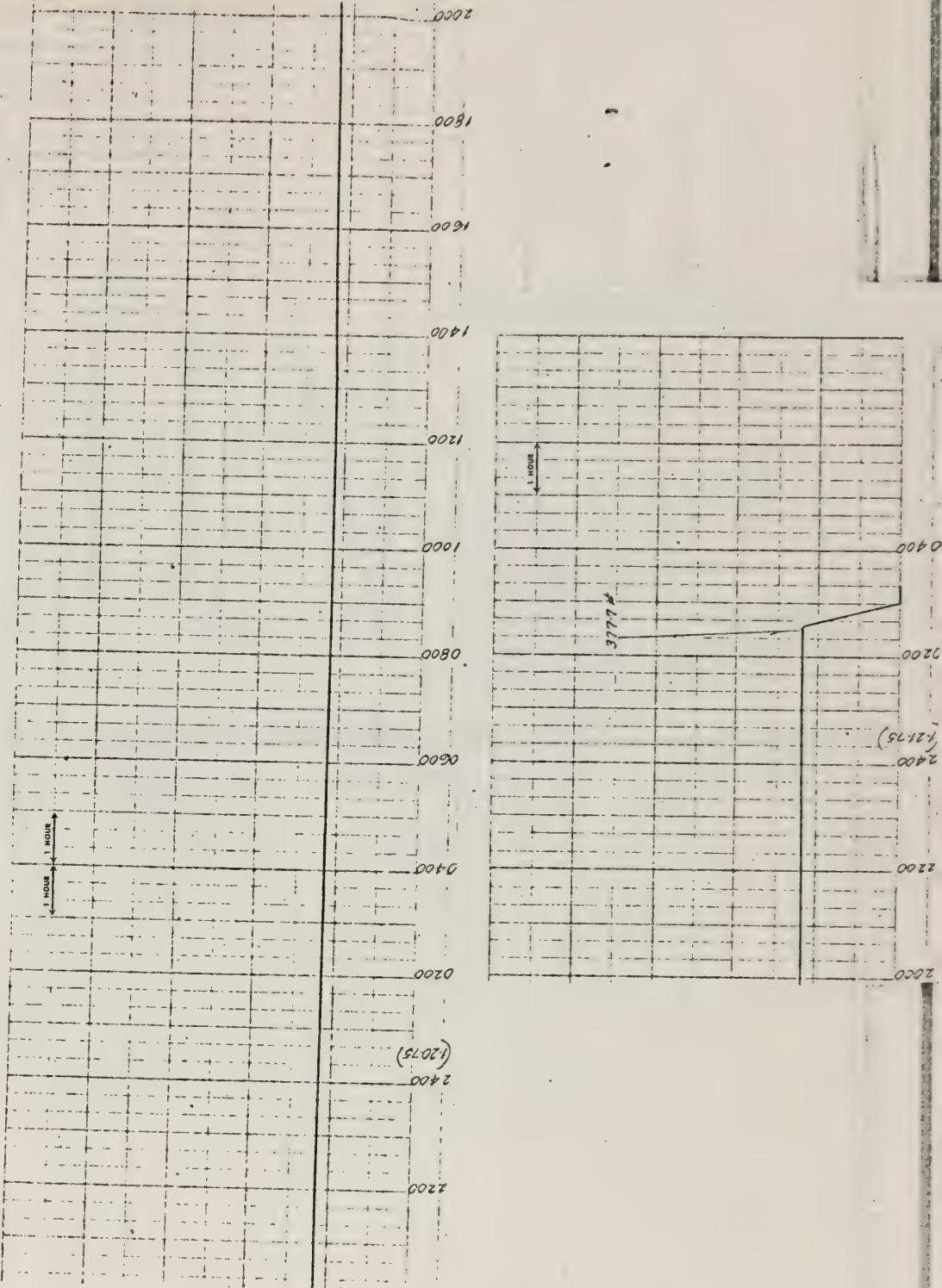
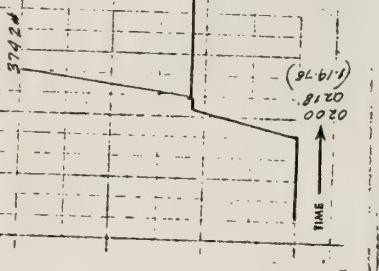
II B-917





## PRESSURE LOG\*

Field Report No. 04372-C  
Instrument Number 5.080  
Capacity 1600 p.s.i.  
Depth 958 ft  
\*See Services section of the original chart.

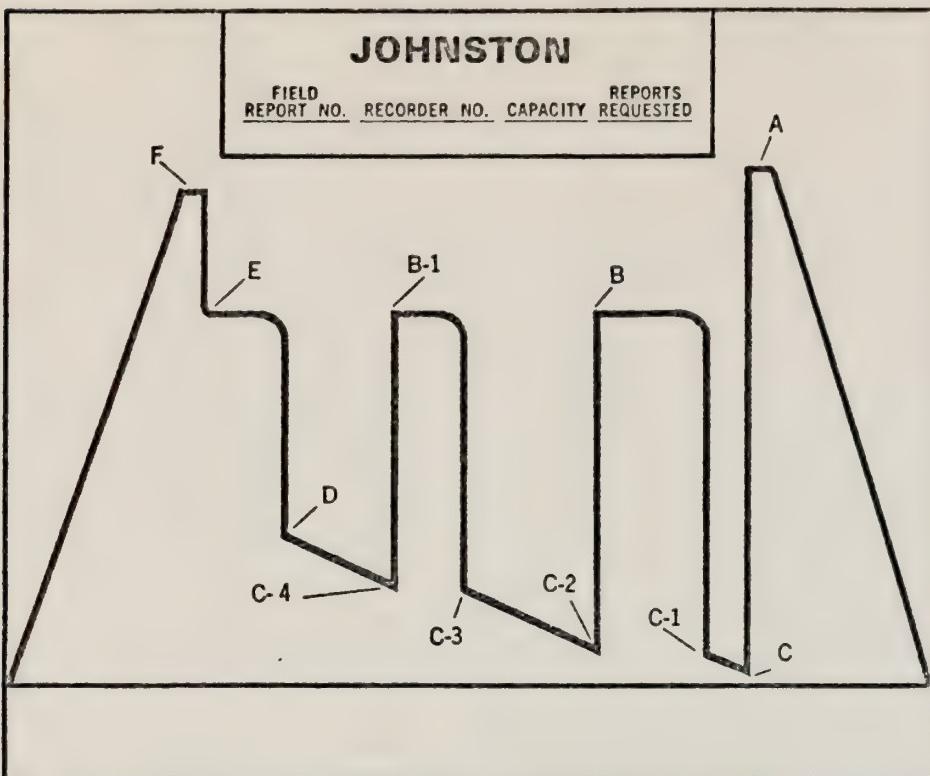






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## GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS



The following points are either fluctuating pressures or points indicating other packer settings, (testing different zones).

A-1, A-2, A-3, etc. Initial Hyd. Pressures

B-1, B-2, B-3, etc. Subsequent Shut-in Pressures

C-1, C-2, C-3, etc. Flowing Pressures

D-1, D-2, D-3, etc. Subsequent Final Flow Pressures

E-1, E-2, E-3, etc. Subsequent Final Shut-in Pressures

F-1, F-2, F-3, etc. Final Hyd. Mud Pressures

Z — Special pressure points such as pumping pressure recorded for formation breakdown.



FIELD REPORT NO.

04372 C

CAPACITY

1600#

RECORDER NO.

J-080

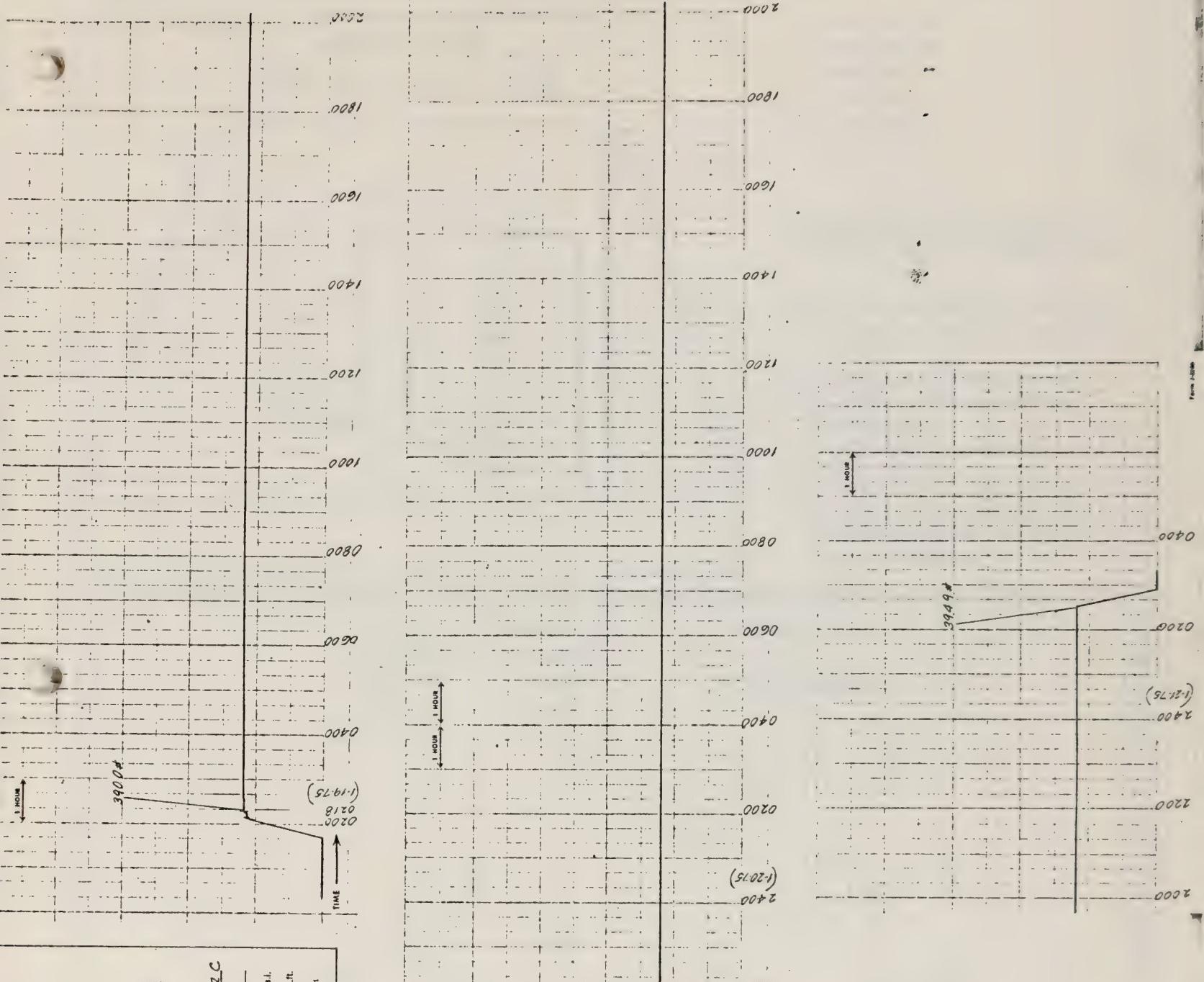
REPORTS REQUESTED

14+

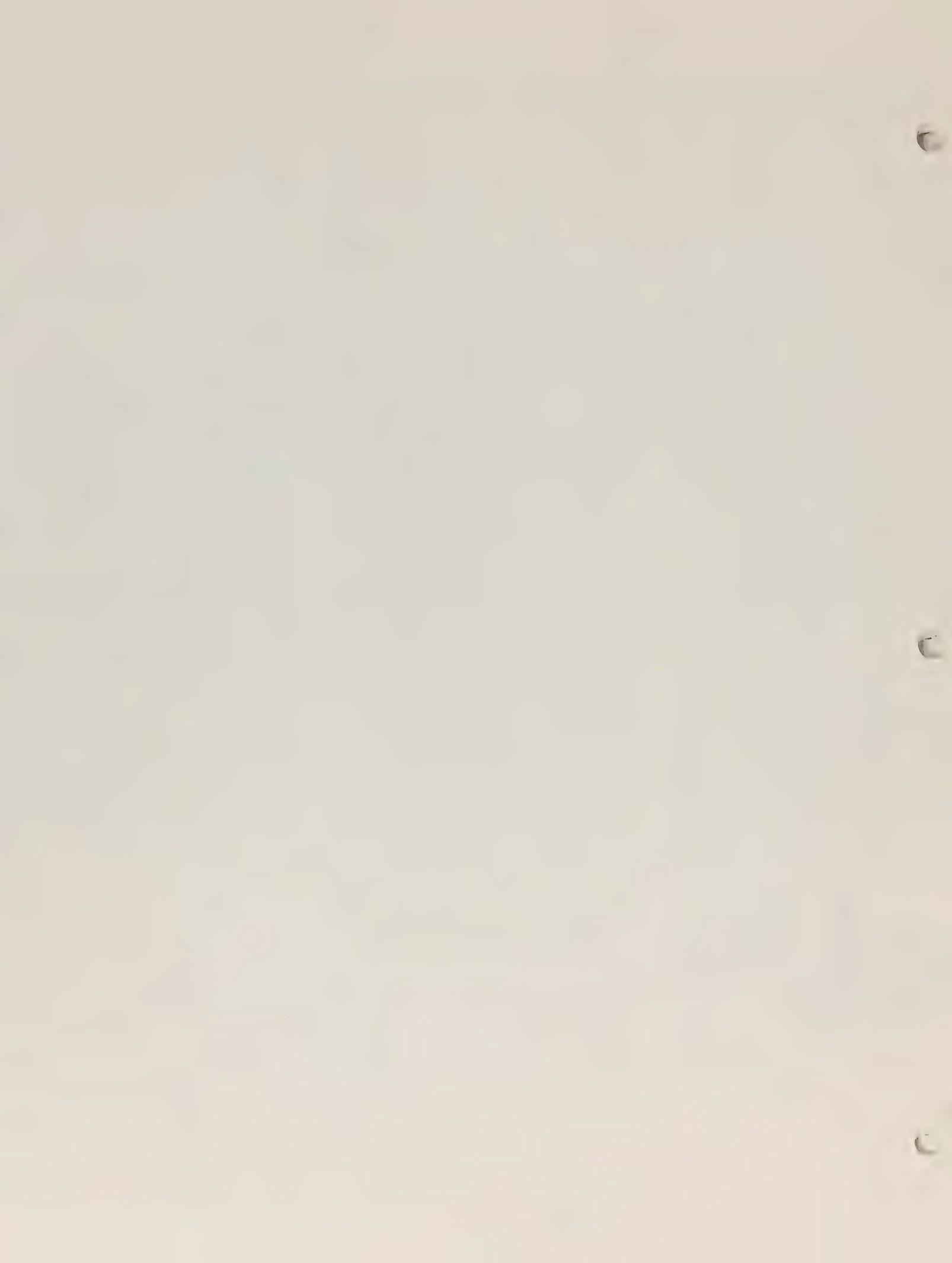
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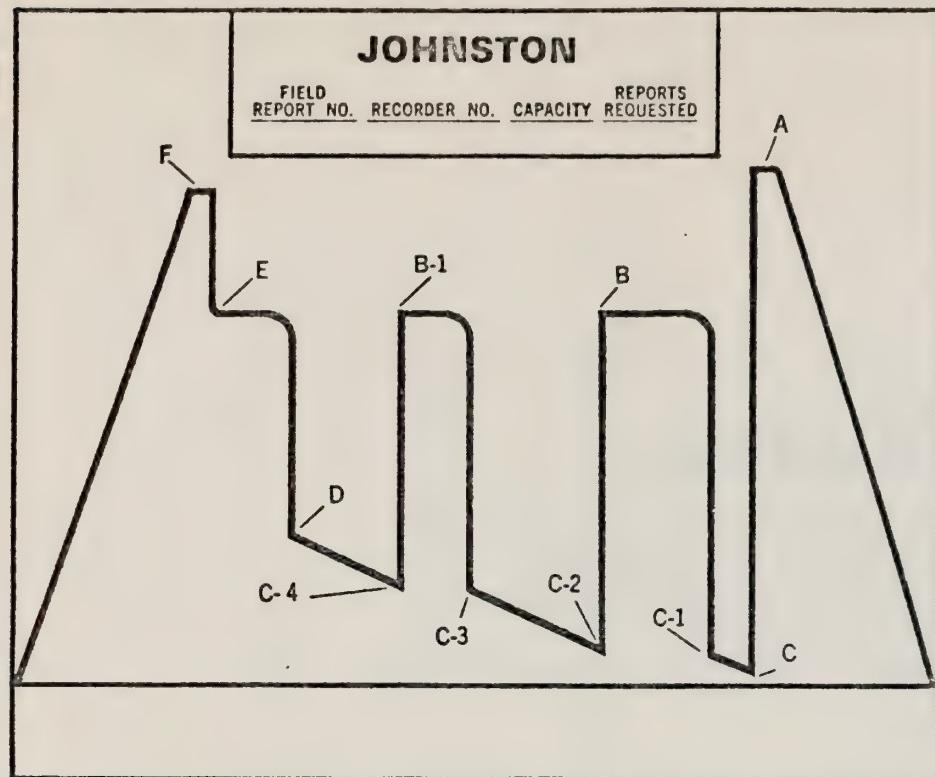
	<b>PRESSURE LOG</b>
Field Report No. <u>04372 C</u>	
Instrument Number	<u>T-114</u>
Capacity	<u>1600</u> psi
Depth	<u>925</u> ft
A copy of this using of the original chart	





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## GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS



- A. Initial Hyd. Mud
- B. Initial Shut-in
- C. Initial Flow
- D. Final Flow
- E. Final Shut-in
- F. Final Hyd. Mud

The following points are either fluctuating pressures or points indicating other packer settings, (testing different zones).

- A-1, A-2, A-3, etc. Initial Hyd. Pressures
- B-1, B-2, B-3, etc. Subsequent Shut-in Pressures
- C-1, C-2, C-3, etc. Flowing Pressures
- D-1, D-2, D-3, etc. Subsequent Final Flow Pressures
- E-1, E-2, E-3, etc. Subsequent Final Shut-in Pressures
- F-1, F-2, F-3, etc. Final Hyd. Mud Pressures
- Z — Special pressure points such as pumping pressure recorded for formation breakdown.



FIELD REPORT NO. 04372 C  
RECORDER NO. J-114  
CAPACITY 1600#  
REPORTS REQUESTED 14+

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RECEIVED

FEB 20 1975

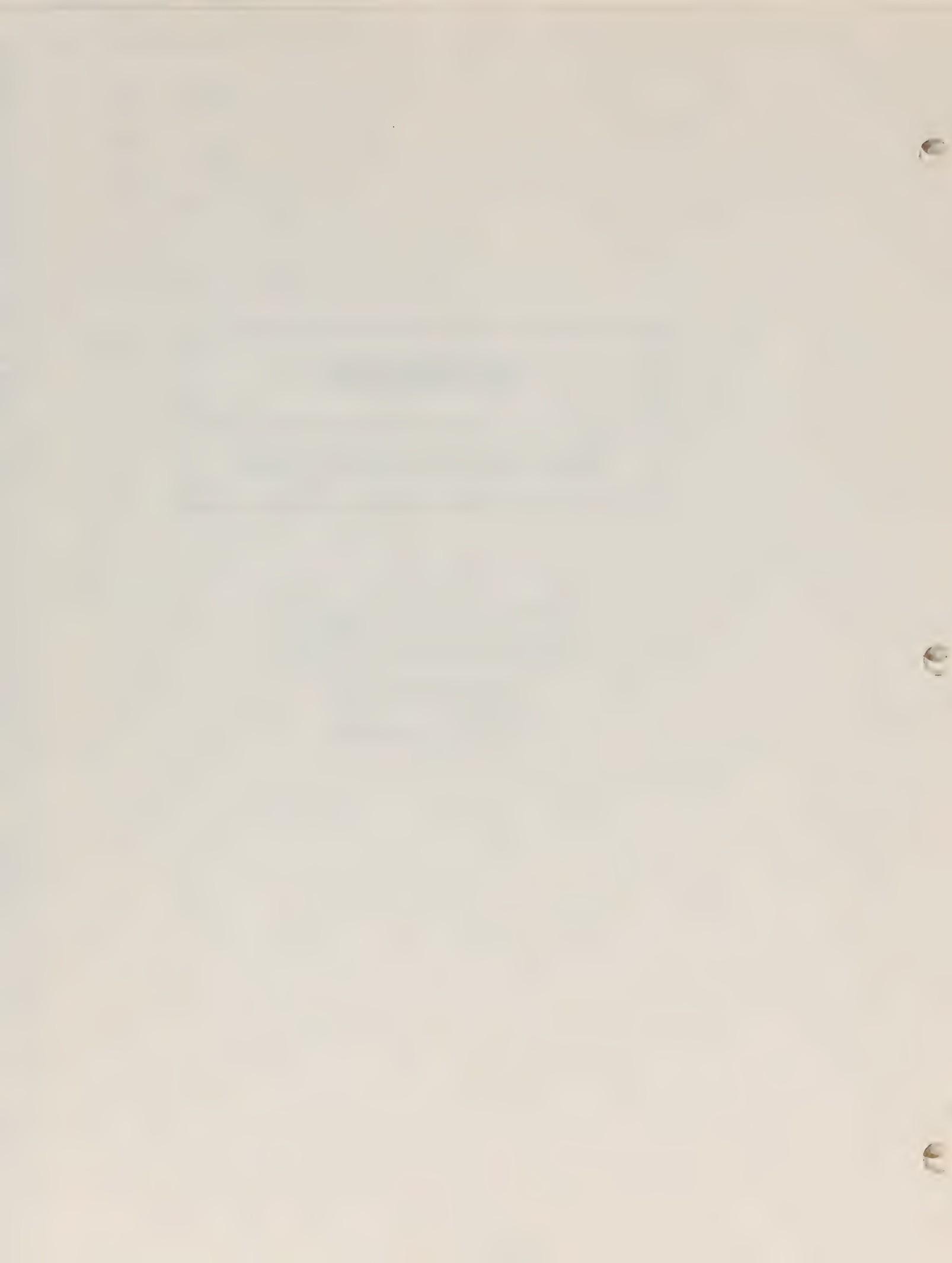
A. J. ROGERS

COMPANY ATLANTIC RICHFIELD WELL FEDERAL S.G. #1 TEST NO. 4 COUNTY RIO BLANCO STATE COLORADO  
COMPANY

JOHNSTON

Schlumberger

technical  
report





## **SURFACE INFORMATION**

## MUD DATA

Mud Type WATER Wt. -  
 Viscosity - Water Loss - C.C.  
 Resist. of Mud - @ - °F; of Filtrate - @ - °F  
 Chloride Content - PPM

**Remarks:** UNSUCCESSFUL TEST; PACKER SEAT FAILURE.

Address 1500 SECURITY LIFE BUILDING, 1600 GLENARM; DENVER, COLORADO 80202

**Company** ATLANTIC RICHFIELD COMPANY

Well \_\_\_\_\_ FEDERAL S.G. #1

Test Interval 907' TO 940' (UNSUCCESSFUL)

Location SE

Field SORGHUM GULCH

1-21-75

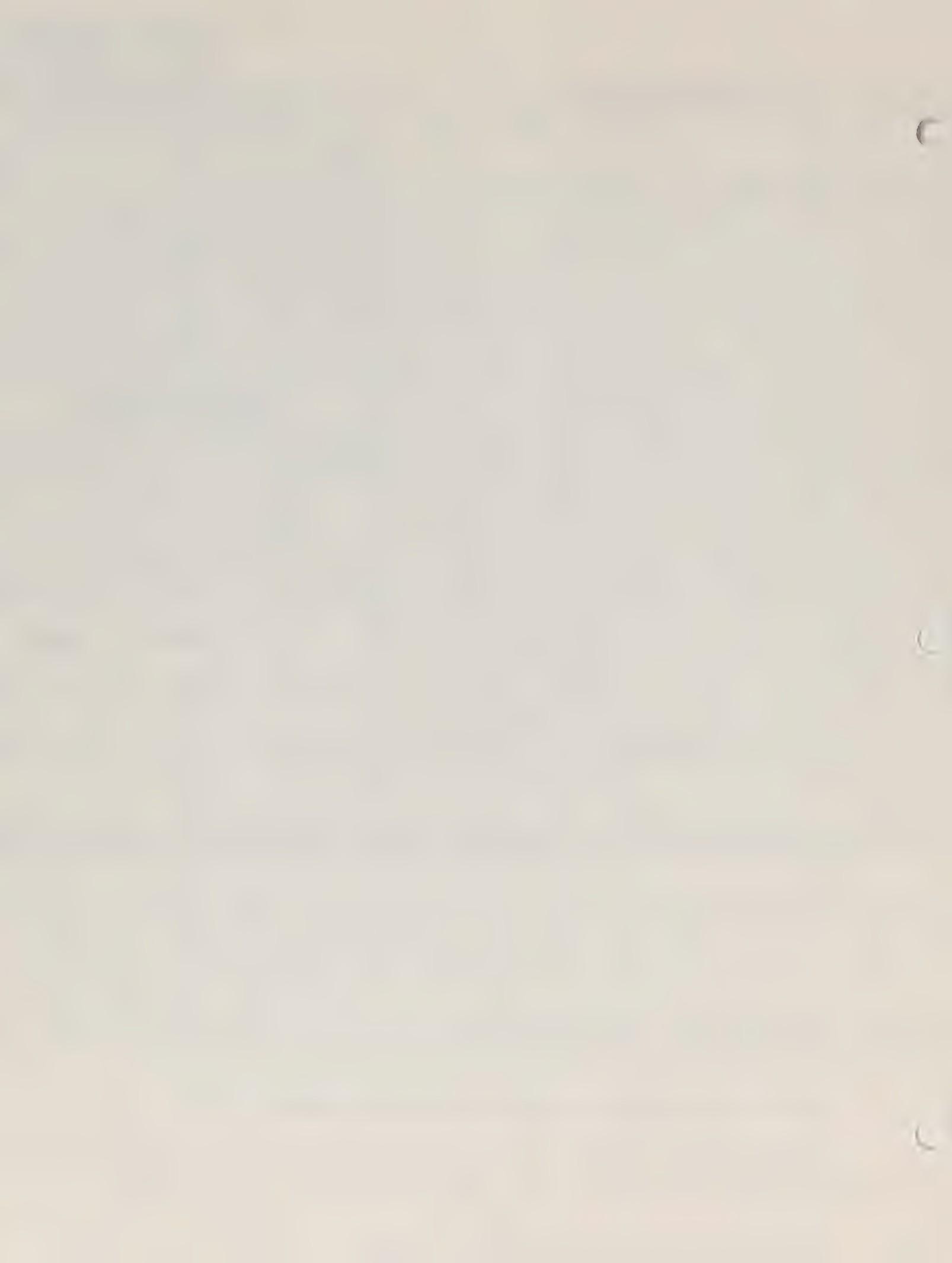
Date 1-21-75

00132-6

Field Report No. 09123 (14/12/ )

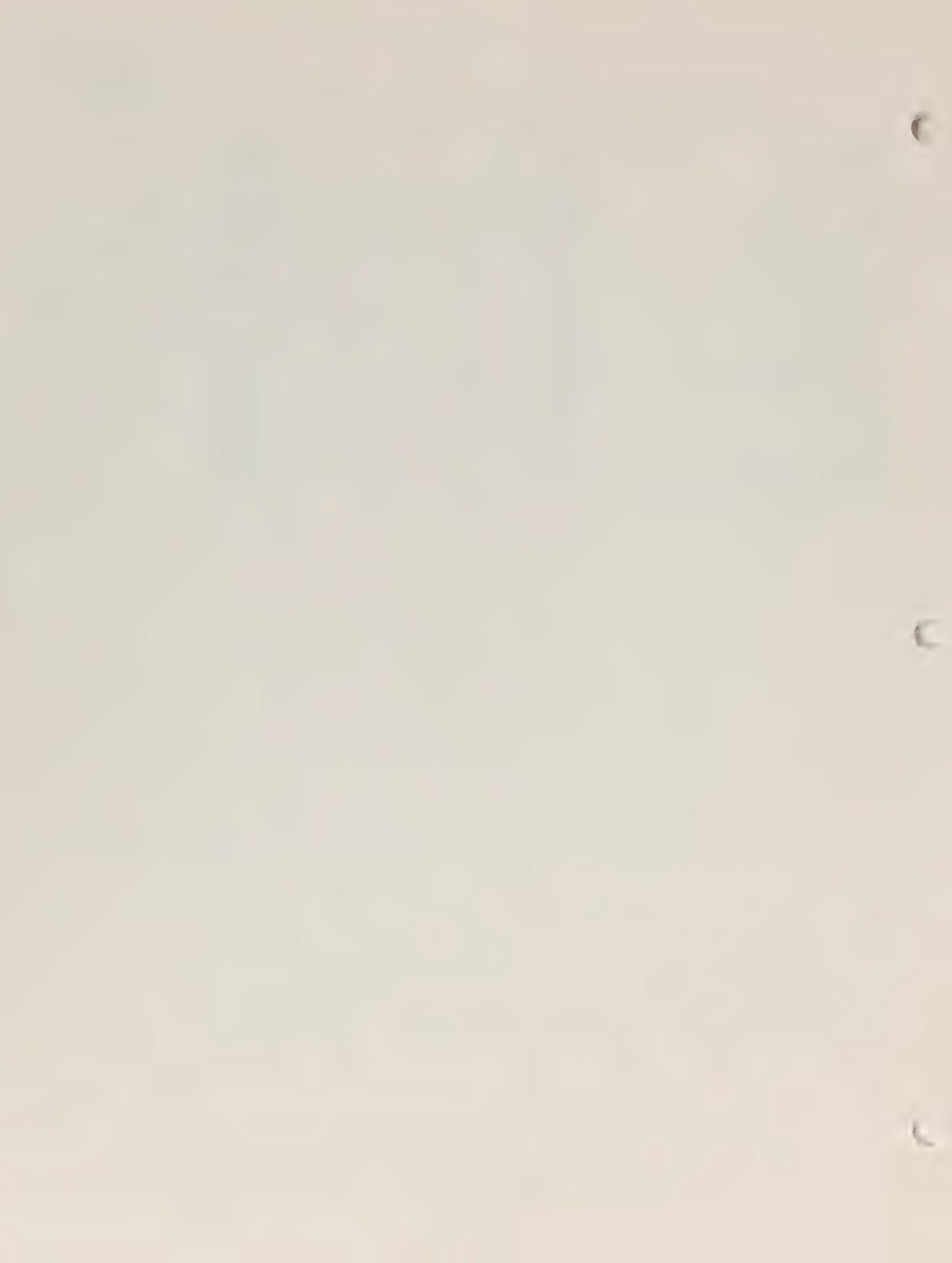
No. Reports Requested 14 13X

Digitized by srujanika@gmail.com



## EQUIPMENT SEQUENCE

<u>COMPONENTS</u>	<u>SIZE / TYPE</u>	<u>LENGTH</u>
DRILL PIPE	2 7/8" / H-90	745.00'
DRILL COLLARS	4 3/4" / IF	120.00'
RECORDER CARRIER	2 7/8" / FH SPERRY-SUN	17.00'
RECORDER CARRIER	4 7/8" / J-200	6.00'
SAFETY JOINT	4 3/4" / BOWEN	2.00'
PERFORATED ANCHOR	4 3/4"	2.00'
PACKER	5 3/4" / B.T.	
BLANK-OFF SUB	4 3/4" / FH	1.70'
PERFORATED ANCHOR	4 3/4"	24.00'
RECORDER CARRIER	4 7/8" / J-200	6.00'
BLANK-OFF SUB	4 3/4" / FH	.60'
PACKER	5 3/4" / BT	6.00'
SUB	5" / SPERRY-SUN	1.70'
PERFORATED ANCHOR	4 3/4"	12.00'
RECORDER CARRIER	4 7/8" / J-200	6.00'
SELECTIZE ZONE ANCHORING DEVICE	6 3/4" / RHS	6.00'

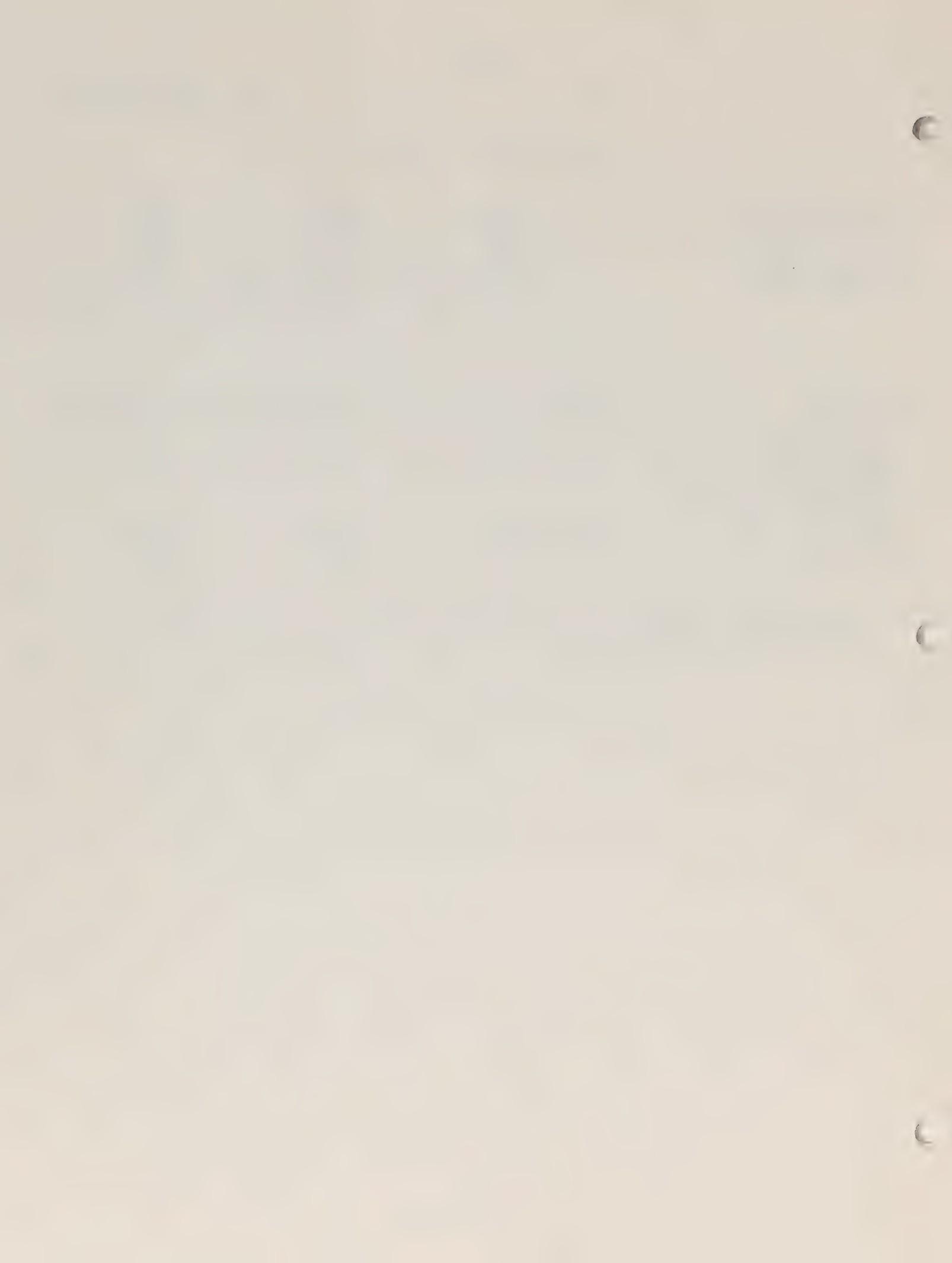


## PRESSURE DATA

INSTRUMENT NUMBER:	J-493	J-080	J-251
CAPACITY(P.S.I.G.):	1600	1600	1600
INSTRUMENT DEPTH:	898'	933'	954'
INSTRUMENT OPENING:	OUTSIDE	INSIDE	OUTSIDE
WELL TEMPERATURE:	READ AT 100°F.	READ AT 100°F.	READ AT 100°F.

<u>DESCRIPTION</u>	<u>TIMES</u>	<u>PRESSESSES</u>		
INITIAL HYDROSTATIC PRESSURE IMMEDIATELY AFTER PACKER WAS SET		354.2	370.2	379.0
PRESSURE IMMEDIATELY BE- FORE PACKER WAS PULLED LOOSE	0657	358.3	374.0	387.6
FINAL HYDROSTATIC	1819	358.3 351.7	374.0 366.1	387.6 379.0

NO MEASUREABLE PRESSURE VARIANCES BETWEEN SET PACKER AND PULLED PACKER  
LOOSE TIMES COULD BE DETECTED.



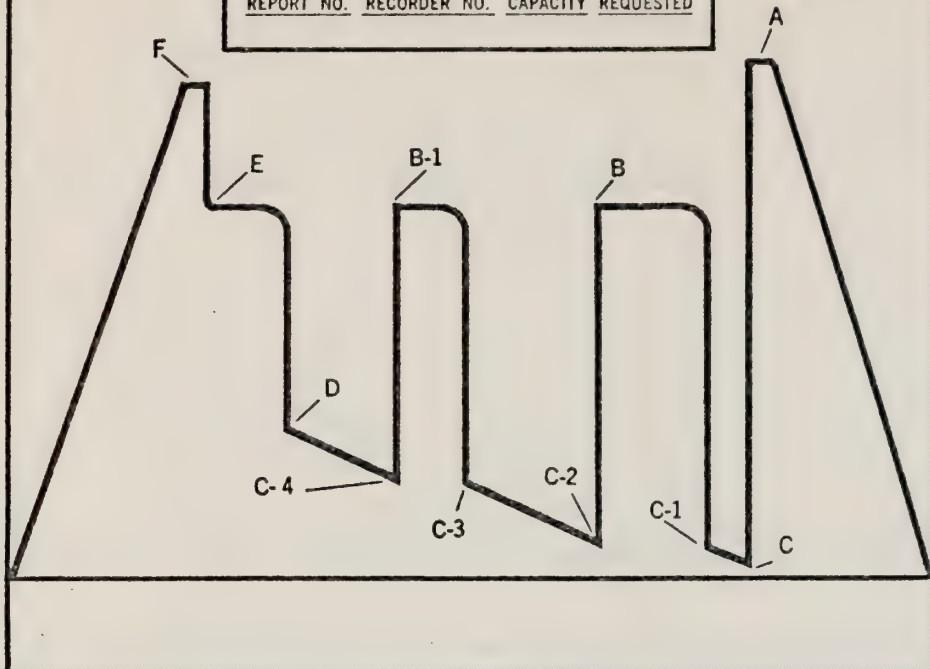


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## GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS

JOHNSTON

FIELD REPORT NO. RECORDER NO. CAPACITY REPORTS REQUESTED



- A. Initial Hyd. Mud
- B. Initial Shut-in
- C. Initial Flow
- D. Final Flow
- E. Final Shut-in
- F. Final Hyd. Mud

The following points are either fluctuating pressures or points indicating other packer settings, (testing different zones).

- A-1, A-2, A-3, etc. Initial Hyd. Pressures
- B-1, B-2, B-3, etc. Subsequent Shut-in Pressures
- C-1, C-2, C-3, etc. Flowing Pressures
- D-1, D-2, D-3, etc. Subsequent Final Flow Pressures
- E-1, E-2, E-3, etc. Subsequent Final Shut-in Pressures
- F-1, F-2, F-3, etc. Final Hyd. Mud Pressures
- Z—Special pressure points such as pumping pressure recorded for formation breakdown.



FIELD REPORT NO.

09123 C

CAPACITY

RECORDER NO.

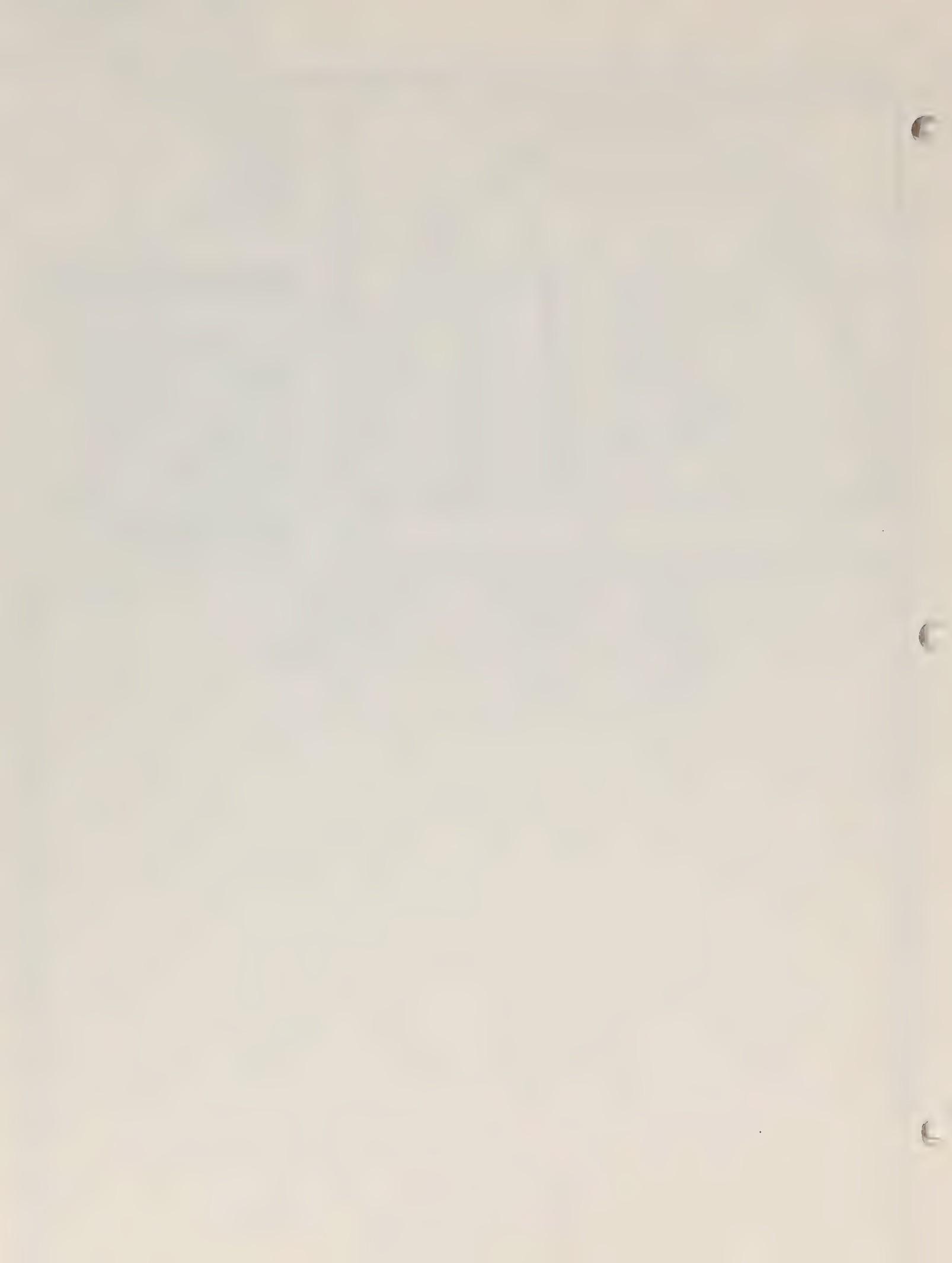
J-493

REPORTS REQUESTED

1600#

14+

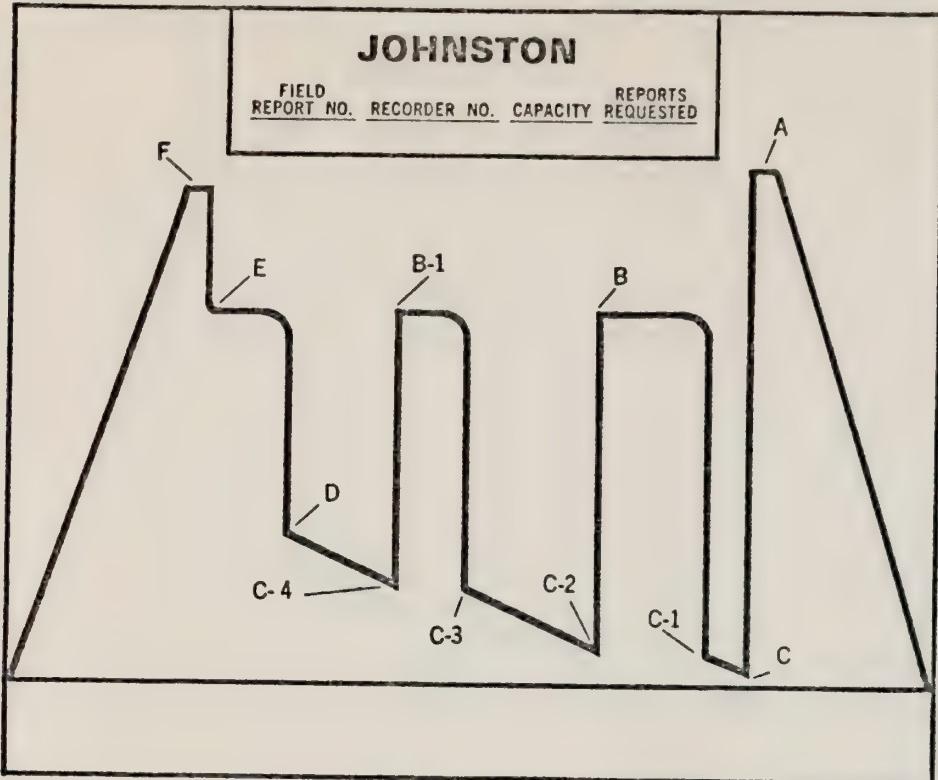
II B-926





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## GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS



FIELD REPORT NO.

09123 C

CAPACITY

1600#

RECORDER NO.

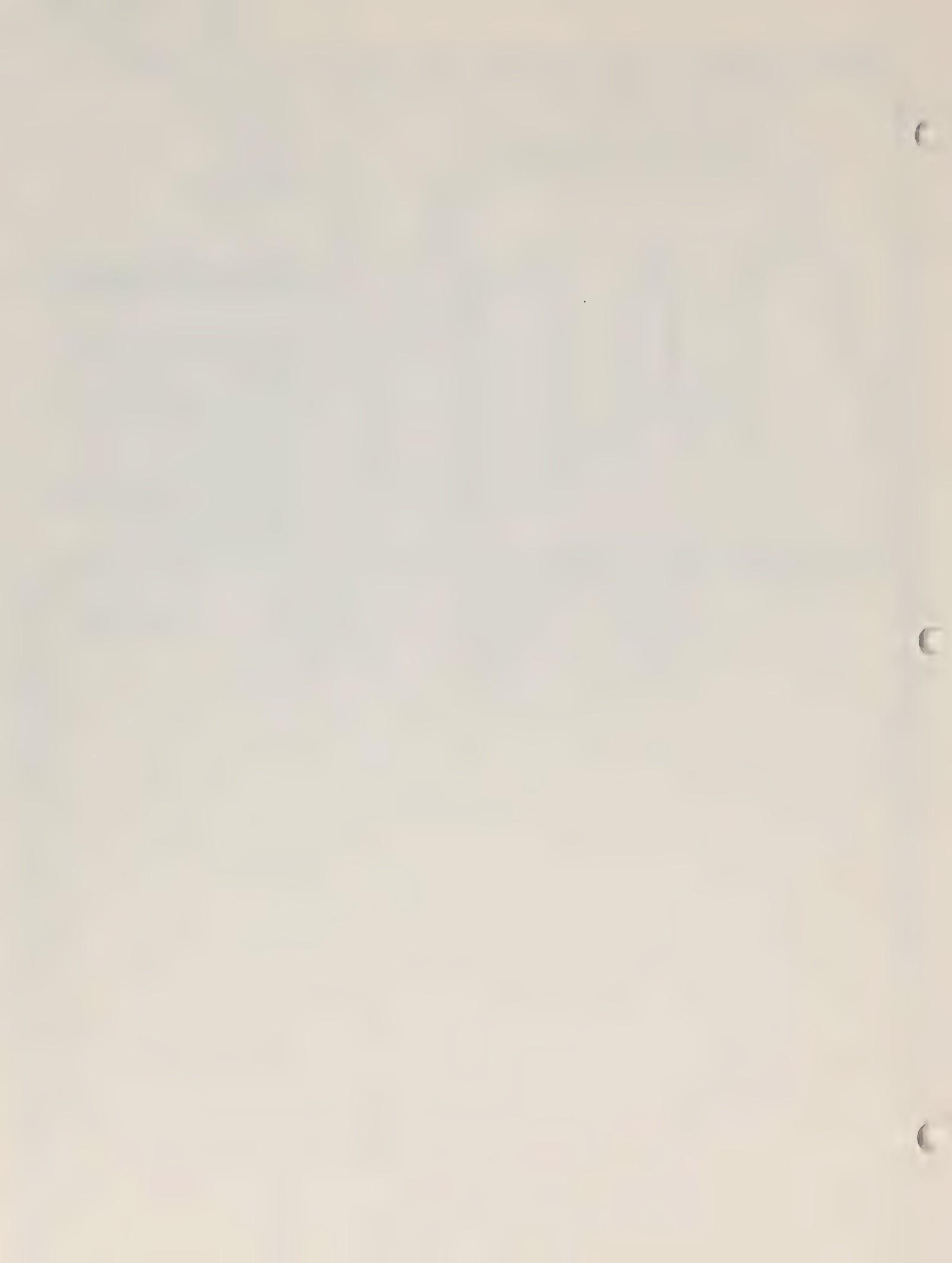
J-251

REPORTS REQUESTED

14+



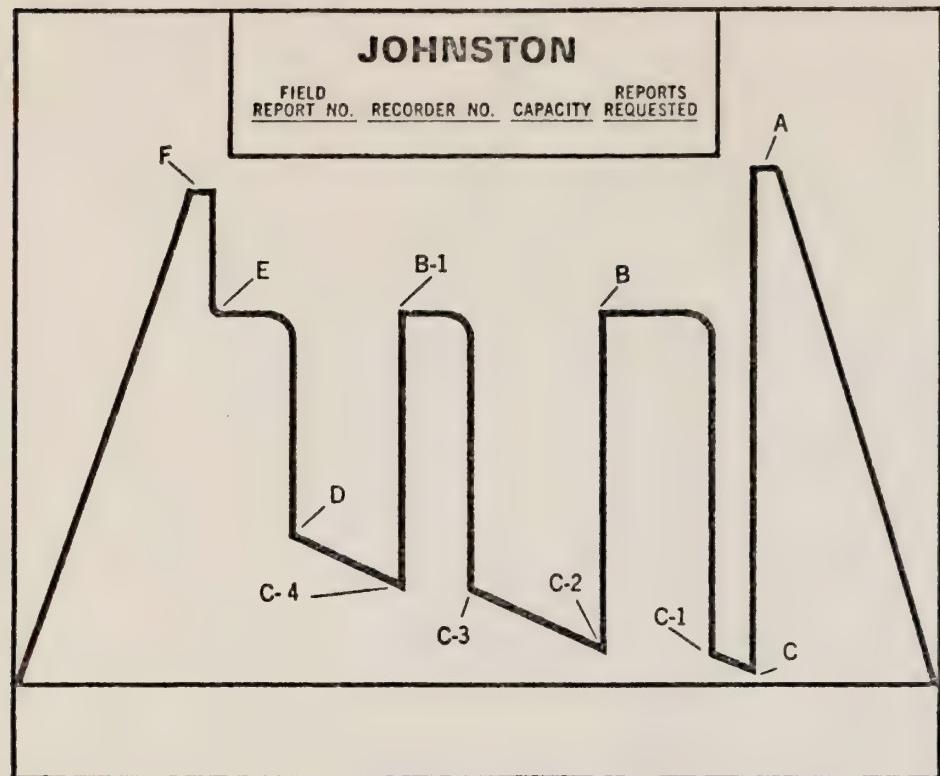
II B-927





**JOHNSTON**  
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## GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS



The following points are either fluctuating pressures or points indicating other packer settings, (testing different zones).

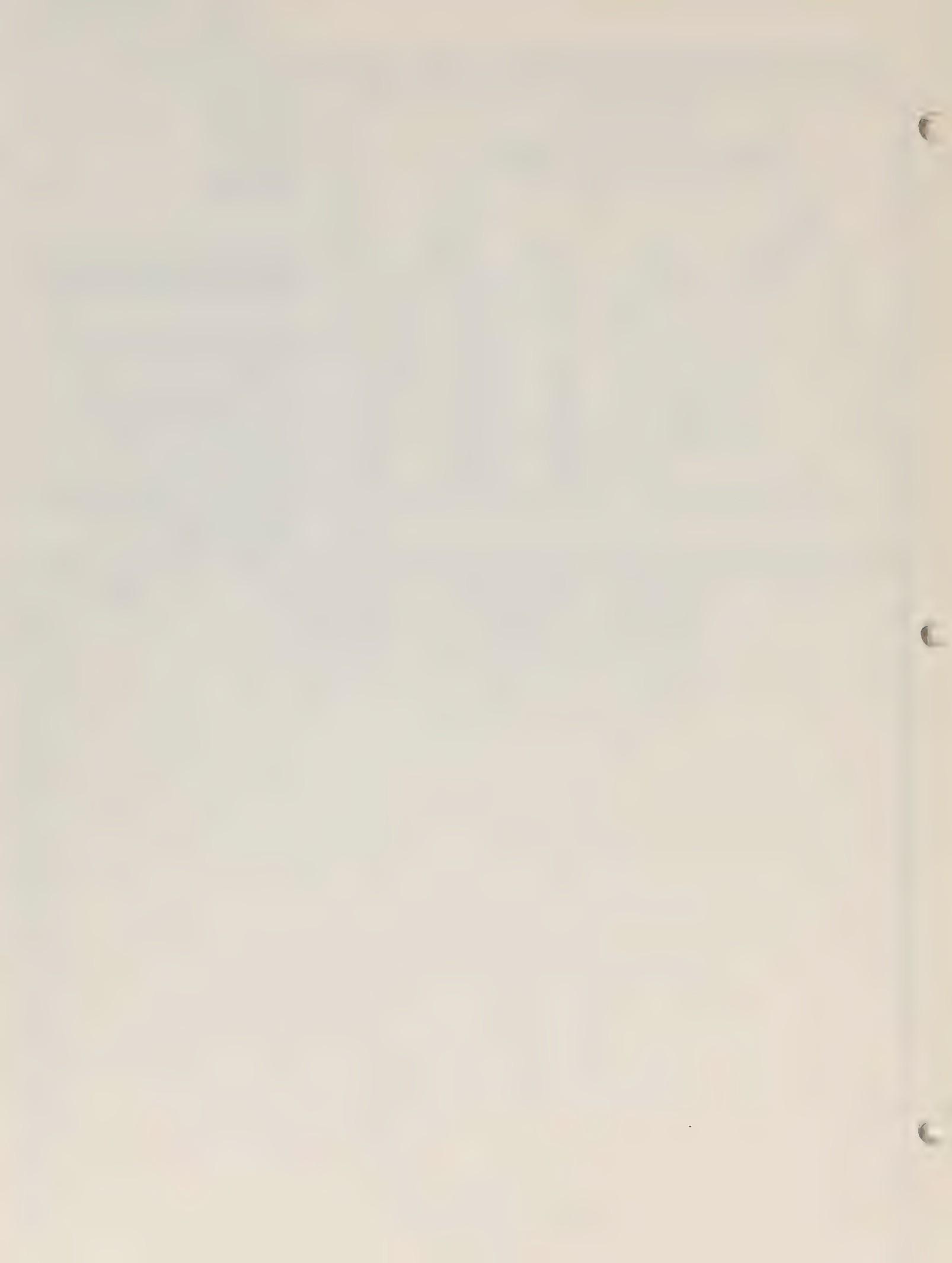
A-1, A-2, A-3, etc. Initial Hyd. Pressures  
B-1, B-2, B-3, etc. Subsequent Shut-in Pressures  
C-1, C-2, C-3, etc. Flowing Pressures  
D-1, D-2, D-3, etc. Subsequent Final Flow Pressures  
E-1, E-2, E-3, etc. Subsequent Final Shut-in Pressures  
F-1, F-2, F-3, etc. Final Hyd. Mud Pressures  
Z—Special pressure points such as pumping pressure recorded for formation breakdown.



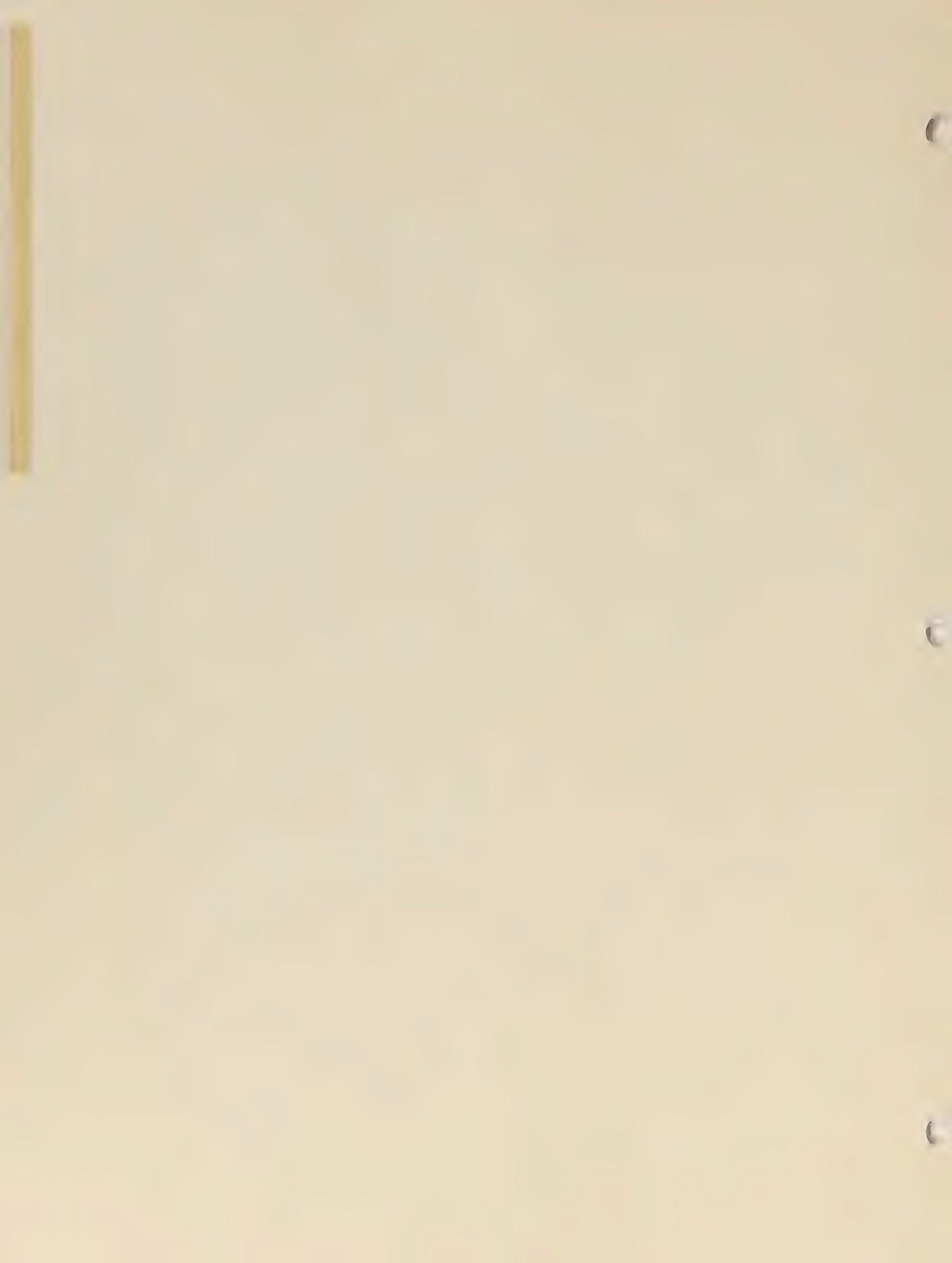
FIELD REPORT NO. 09123 C RECORDER NO. J-080  
CAPACITY 1600# REPORTS REQUESTED 14+

080

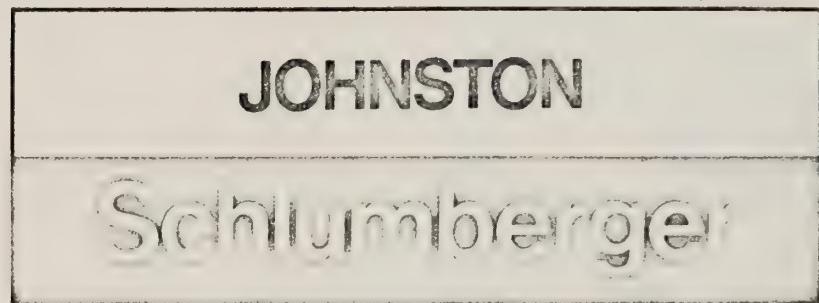
II B-928







COMPANY \_\_\_\_\_ ATLANTIC-RICHFIELD \_\_\_\_\_ WELL \_\_\_\_\_ FEDERAL S-G #8 \_\_\_\_\_ TEST NO. 1 & 2 \_\_\_\_\_ COUNTY \_\_\_\_\_ RIO BLANCO \_\_\_\_\_ STATE COLORADO  
COMPANY



# technical report

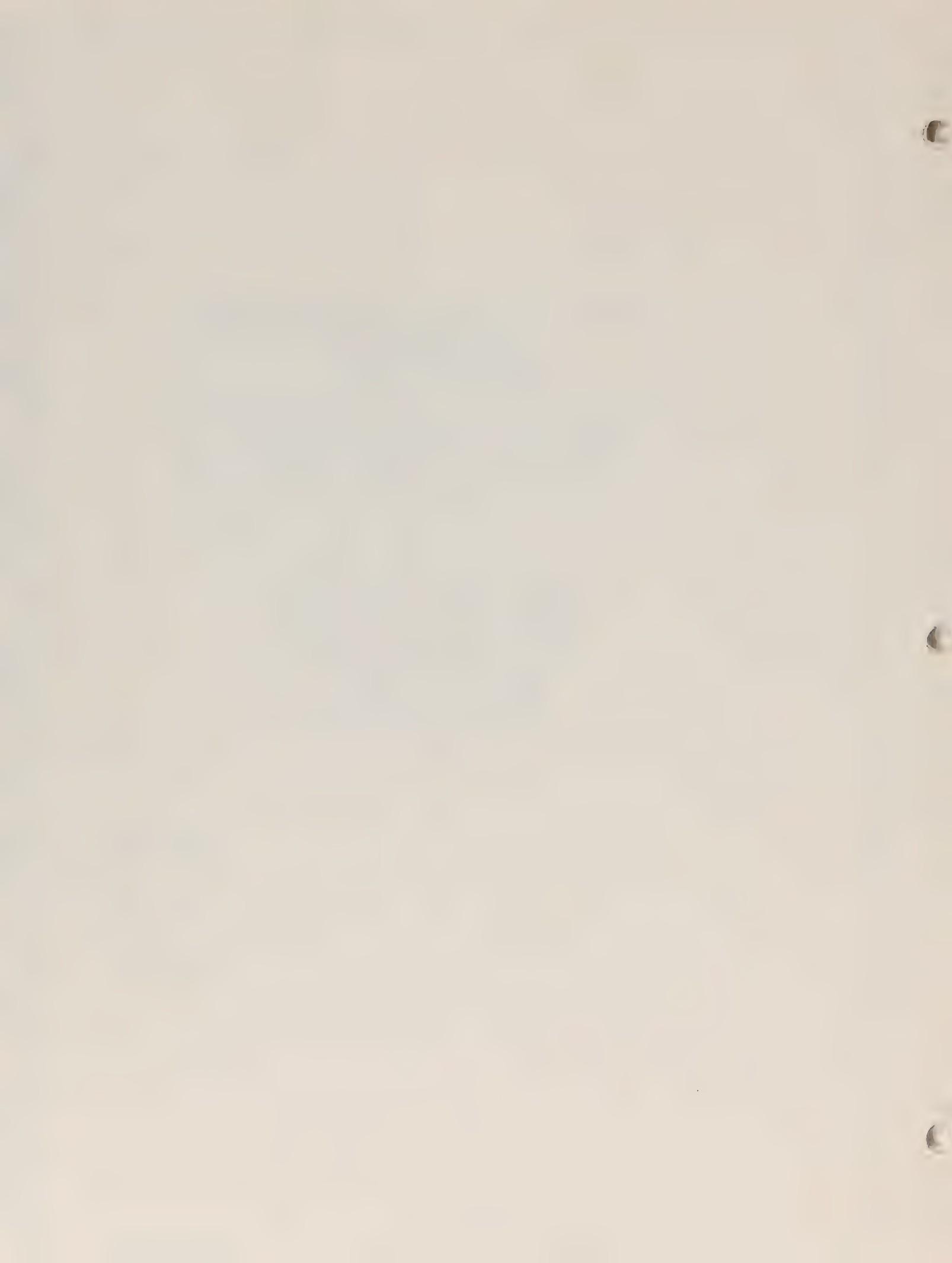
RECEIVED

JAN 2 1975

A. J. ROGERS

II B-929

F.R. #04369 C





**MANSON**

Description (Rate of Flow)	Time	Pressure (P.S.I.G.)	Surface Choke
(12-14-74)			
SET PACKER AT 1910'	0200	-	-
JETTING CONDUCTIVITY ABOVE			
PACKER FOR LEAKS	1411	-	-
PULLED PACKER LOOSE	2300	-	-
(12-15-74)			
SET PACKER AT 950'	0010	-	-
JETTING CONDUCTIVITY			
ABOVE PACKER FOR LEAKS			
PULLED PACKER LOOSE	-	-	-

Cushion Type	Amount	Pressure	Bottom Choke
	-		
			Size -

**MUD DATA**

Mud Type SOAP WATER Wt. -  
Viscosity - Water Loss - C.C.  
Resist. of Mud - @ - °F; of Filtrate - @ - °F  
Chloride Content - PPM

EQUIPMENT & HOLE DATA			
Type Test	SELECTIVE ZONE	OPEN HOLE	
Formation Tested	PARACHUTE CREEK		
Elevation	6380	Ft.	
Net Productive Interval	-		
Estimated Porosity	-		
All Depths Measured From	GROUND LEVEL		
Total Depth	2608	Ft.	
Main Hole/Casing Size	-		
Rat Hole/Liner Size	-		
Drill Collar Length	-	I.D.	-
Drill Pipe Length	-	I.D.	-
Packer Depth(s)	FIRST RUN 1910'		
	SECOND RUN 950'		

## MULTI-FLOW EVALUATOR FLUID SAMPLE DATA

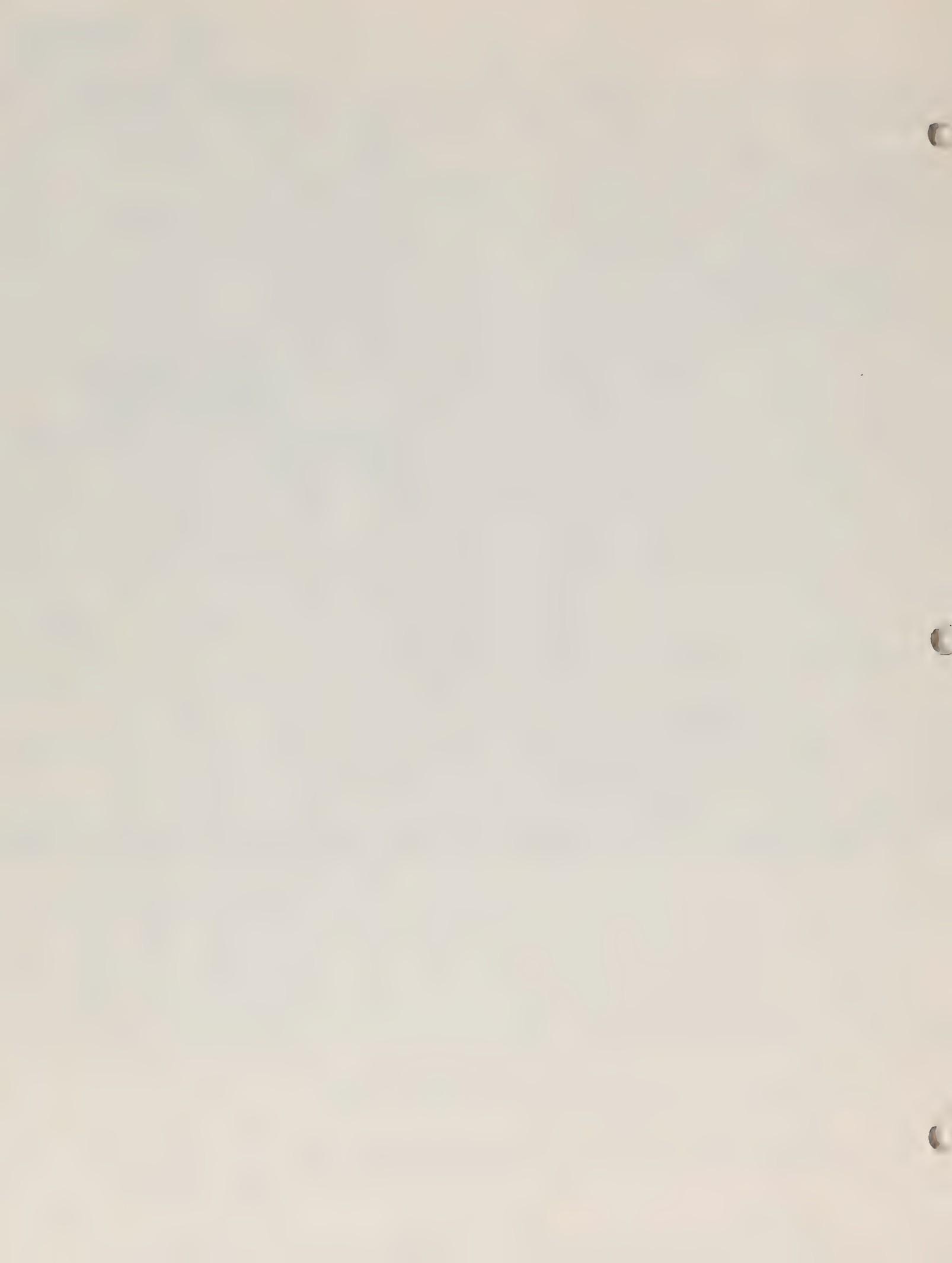
Sampler Pressure \_\_\_\_\_ P.S.I.G. at Surface  
Recovery: Cu. Ft. Gas \_\_\_\_\_  
cc. Oil \_\_\_\_\_  
cc. Water \_\_\_\_\_  
cc. Mud \_\_\_\_\_  
Tot. Liquid cc. \_\_\_\_\_  
Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F.  
Gas/Oil Ratio \_\_\_\_\_ cu. ft./bbl.

	RESISTIVITY	CHLORIDE CONTENT
Recovery Water	_____ @ _____ °F.	_____ ppm
Recovery Mud	_____ @ _____ °F.	
Recovery Mud Filtrate	_____ @ _____ °F.	_____ ppm
Mud Pit Sample	_____ @ _____ °F.	
Mud Pit Sample Filtrate	_____ @ _____ °F.	_____ ppm

### Remarks

1500 SECURITY LIFE BUILDING; DENVER, COLORADO 80202

Company	ATLANTIC-RICHFIELD COMPANY			Field	SORGHUM GULCH
Well	FEDERAL S-G #8	Location	SEC. 9-T3S-R96W		
Test Interval	-	Test #	1 & 2		Date 12-14-74
County	RIO BLANCO	State	COLORADO		Field Report No. 04369 C
Technician	MOUDRY (VERNAL)	Test Approved By	MR. FRED BURNS		No. Reports Requested 14 (13x)





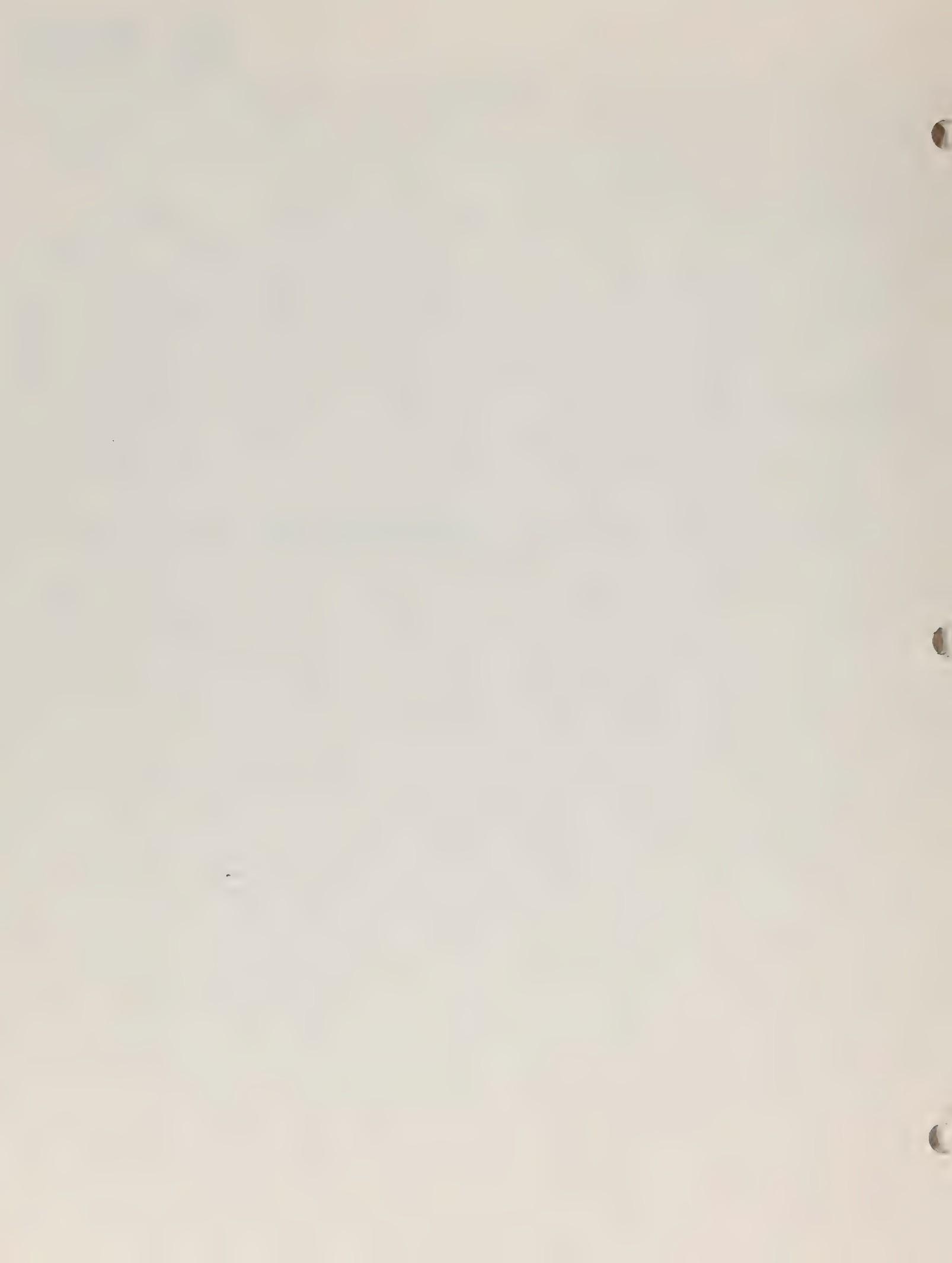
FIRST RUN

## PRESSURE DATA

Instrument No.	4097 N			Field Report No.	04369 C
Capacity (P.S.I.G.)	2800				
Instrument Depth	1912'				
Instrument Opening	OUTSIDE				
Pressure Gradient P.S.I./Ft.					
Well Temperature °F.	-				
Initial Hydrostatic Mud	A	-			
Initial Shut-in	B	-			
Initial Flow	C	-			
Final Flow	D	-			
Final Shut-in	E	-			
Final Hydrostatic Mud	F	-			
Remarks:	1	790.5			
	2	798.9			
	3	801.7			

\* Shut in pressure did not reach static reservoir pressure.

## PRESSURE INCREMENTS



SECOND RUN

## PRESSURE DATA

Instrument No.	J-405			Field Report No. 04369 C
Capacity (P.S.I.G.)	2800			
Instrument Depth	953'			
Instrument Opening	OUTSIDE			
Pressure Gradient P.S.I./Ft.				
Well Temperature °F.	-			
TIME DATA				
Initial Hydrostatic Mud	A	-		Time Given
Initial Shut-in	B	-		Time Computed
Initial Flow	C	-		
Final Flow	D	-		
Final Shut-in	E	-		
Final Hydrostatic Mud	F	-		
Remarks:	1	364.7		

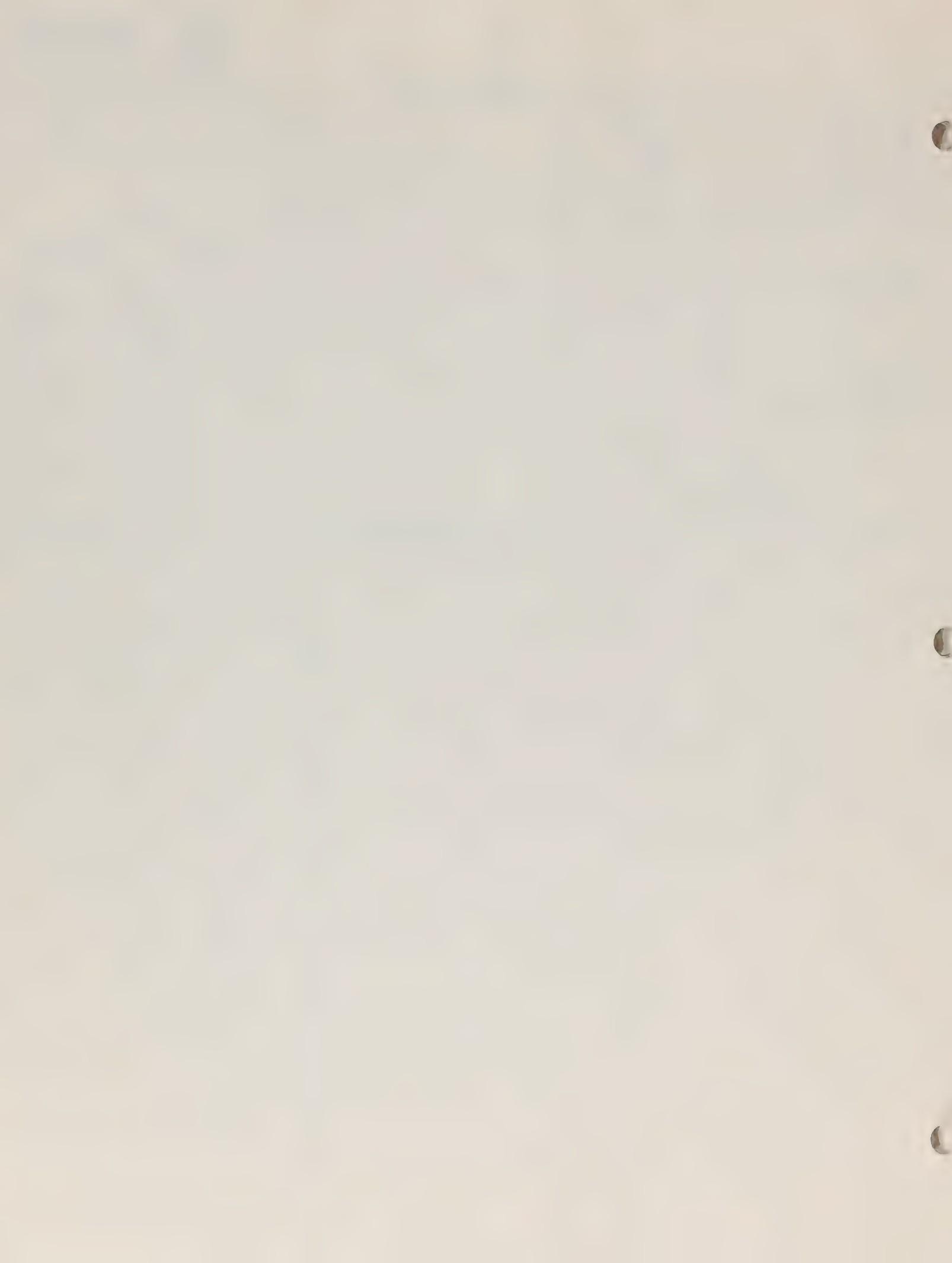
Remarks:	1	364.7
	2	380.0
	3	379.4

CLOCK STOPPED AT POINT "3".

**READ AT 100° F.**

\*Shut in pressure did not reach static reservoir pressure.

## PRESSURE INCREMENTS





FIELD REPORT NO.

04369 C

RECORDER NO.

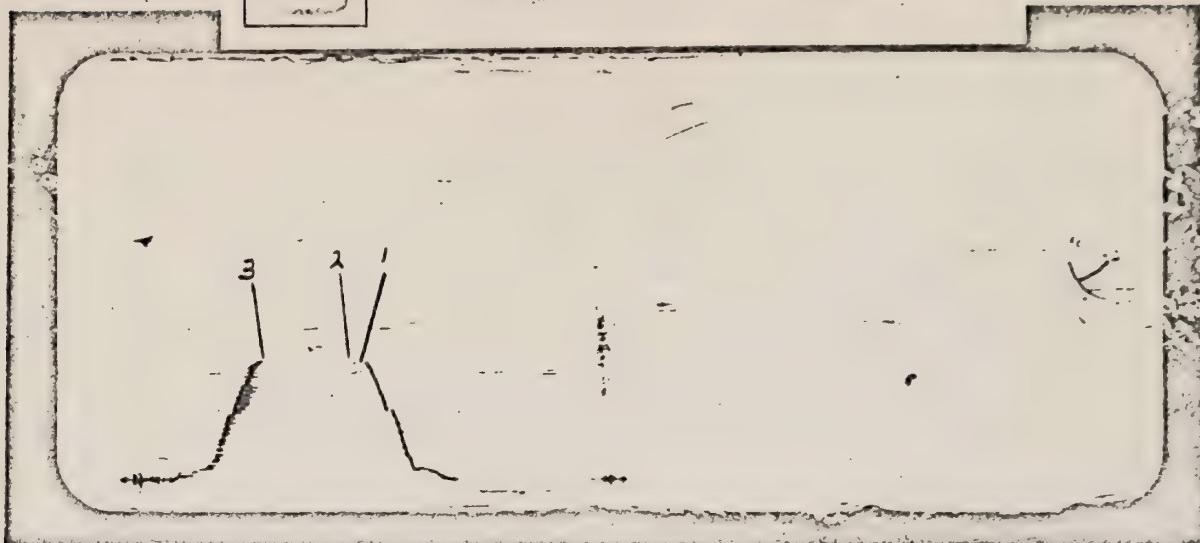
4097 N

CAPACITY

2800#

REPORTS REQUESTED

14+



FIELD REPORT NO.

04369 C

RECORDER NO.

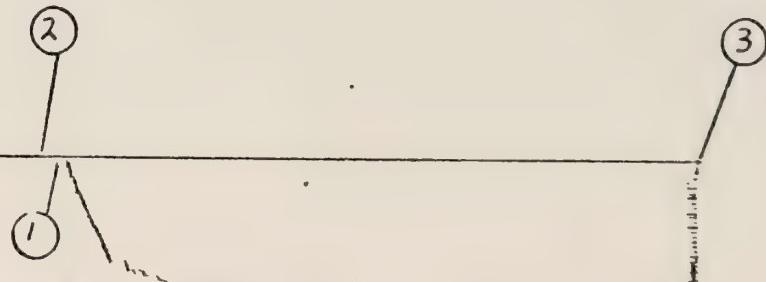
J-405

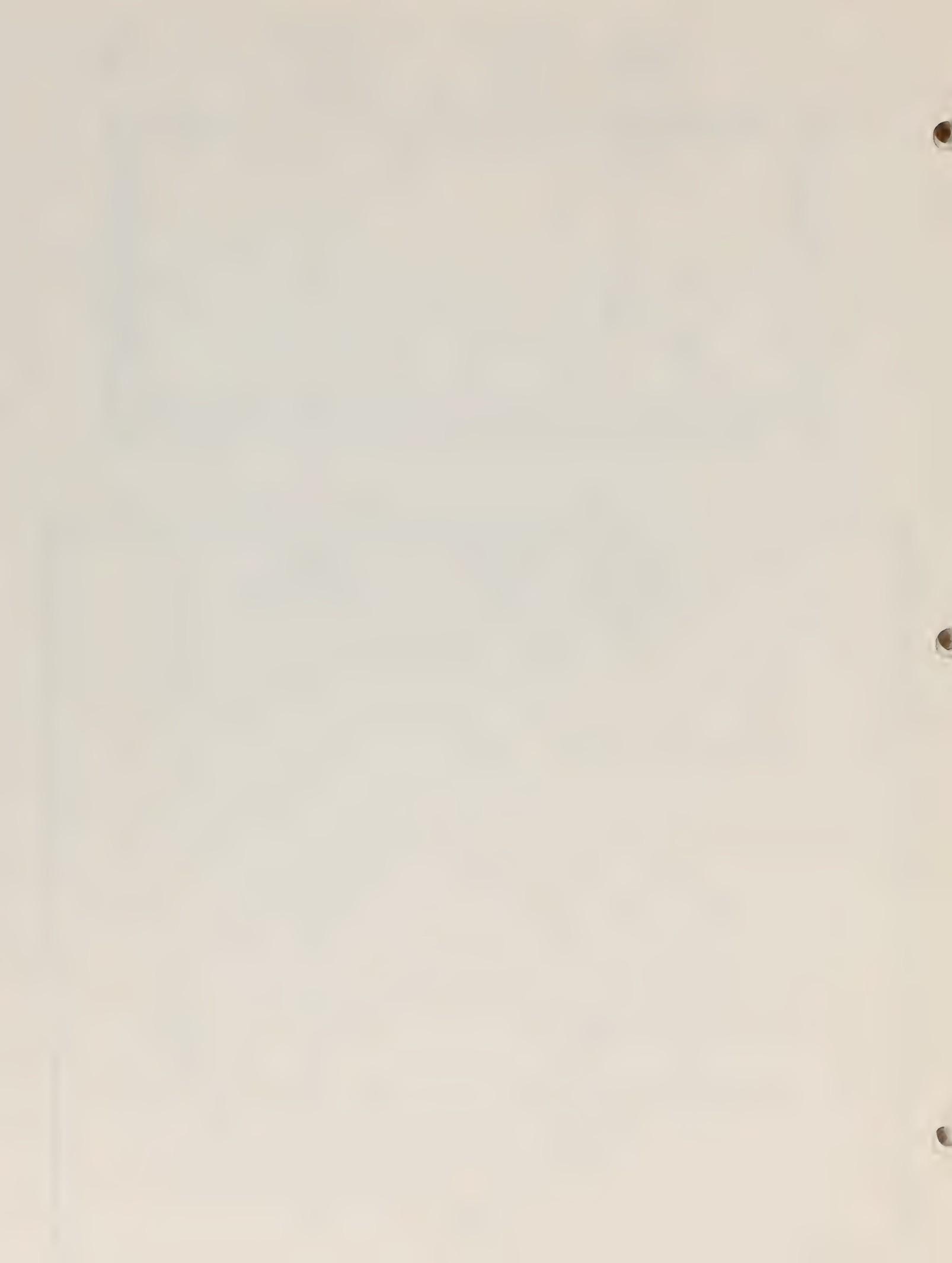
CAPACITY

2800#

REPORTS REQUESTED

14+









FIELD DATA SHEETS  
DRILLSTEM TESTS 1-10

II B-934



DST #1

PUMP TEST DATA SHEET ; WELL NO. SG-1APUMPED WELL SG-1A OBSERVATION WELL SG-1ADATE: 1-18

STATIC WATER LEVEL \_\_\_\_\_

PUMP ~~ON~~ (OFF) AT \_\_\_\_\_ (DRAWDOWN) (RECOVERY) TEST

WATER TEMP. \_\_\_\_\_ CONDUCTIVITY \_\_\_\_\_ SAMPLE TAKEN (YES) (NO) \_\_\_\_\_

MP = MEASURING POINT MP 3.5 FT. ABOVE G.L.(GROUND LEVEL)

TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE
0				90		
1				100		
2				110		
3	133.5			120		
4	131.6					
5	130.5					
6	129.7					
7	128.8					
8	128.1					
9	127.4					
10	127.1					
12	126.5					
14	125.7					
16	124.9					
18	124.2					
20	123.6					
25						
30	121.4					
35	120.4					
40	119.4					
45	119.0					
50	118.5					
60	116.9					
70						
80						

6

6

6

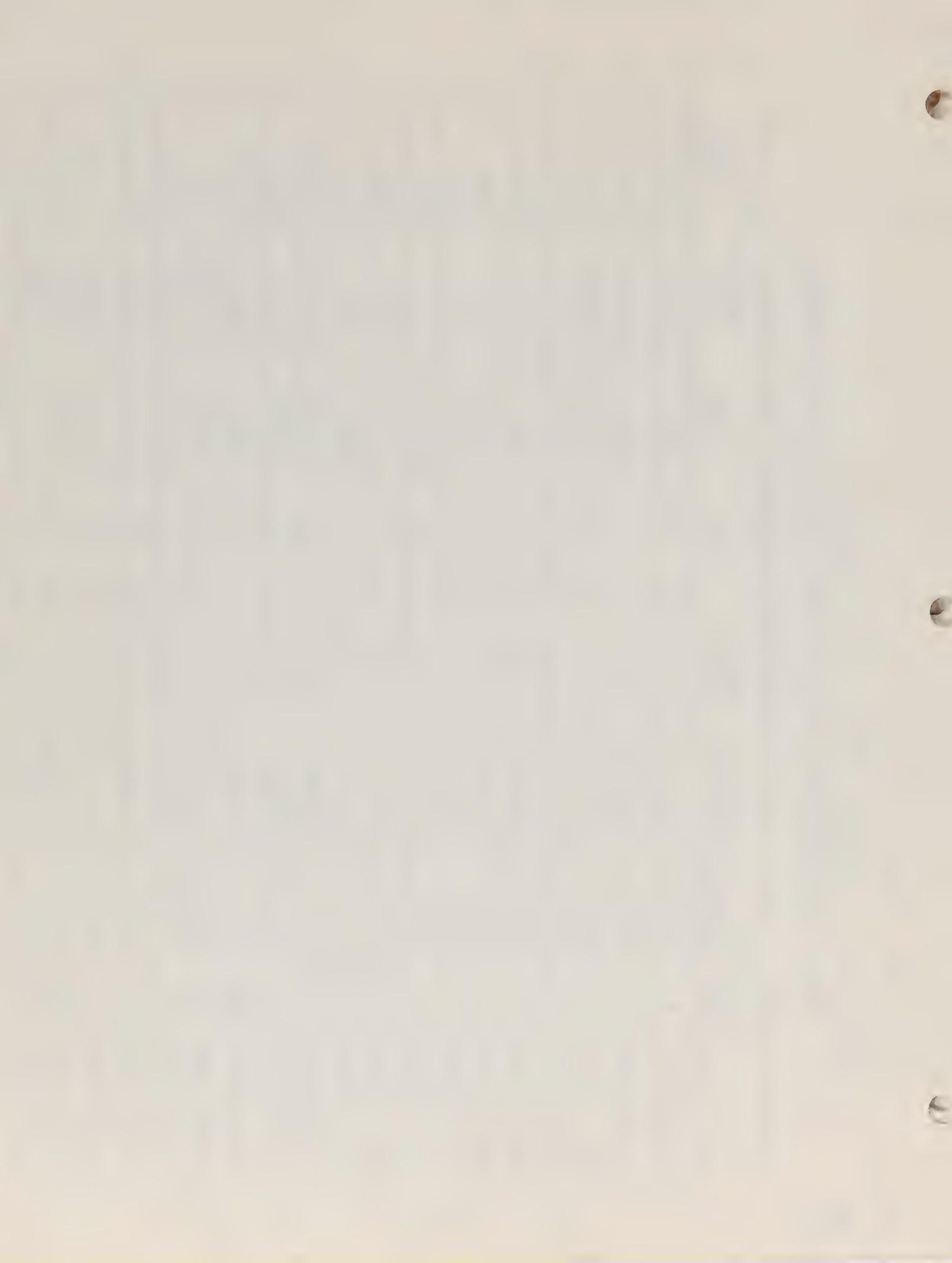
844 911 948

*Jettting*

**SG#1A DST #1**  
**WATER PRODUCTION AND CONDUCTIVITY DATA SHEET**

**OPERATOR ARCO** WELL NAME & NUMBER SORGHUM GULCH #1A LOCATION

DATE	TIME	HULLS SINCE START DEPTH	WATER TEMPERATURE	CONDUCTIVITY MICROMhos	INJECTED WATER (Rate - gpm)	FLUME SIZE	FLUME READING	AIR PRESS. REMARKS	
								PRODUCTION RATE (gpm)	PRODUCTION RATE (gpm)
1-17-75	2200	1	15°C	1500	C	6"	.57	328	100
1-17-75	2300	2	15°C	1600			.52	328	100
1-17	2400	3	15°C	1600			.55	359	100
1-18	0100	4	15°C	1500			.55		100
1-18	02:00	5	15°C	1500			.55		100
1-18	03:00	6	15°C	1400			.55		100
1-18	04:00	7	15°C	1400			.55		100
1-18	05:00	8	15°C	1400			.55		100
1-18	06:00	9	15°C	1400			.55		100
1-18	07:00	10	15°C	1400			.55		100
1-18	08:00	11	16"	1300			.52	328	100
1-18	09:00	12	15.5°C	1300			.52	328	100
1-18	10:00	13	16.	1250			.49	301	100
1-18	11:00	14	16.	1250			.48	292	100
1-18	12:00	15	15.5°C	1250			.46	274	100
1-18	1300	16	16°	1250			.46	274	100
1-18	1400	17	16°	1200			.46	274	100
1-18	1500	18	1600	1200			.48	292	100
1-18	1600	19	160	1200			.47	283	100
1-19	1700	20	16	1200			.47	283	100

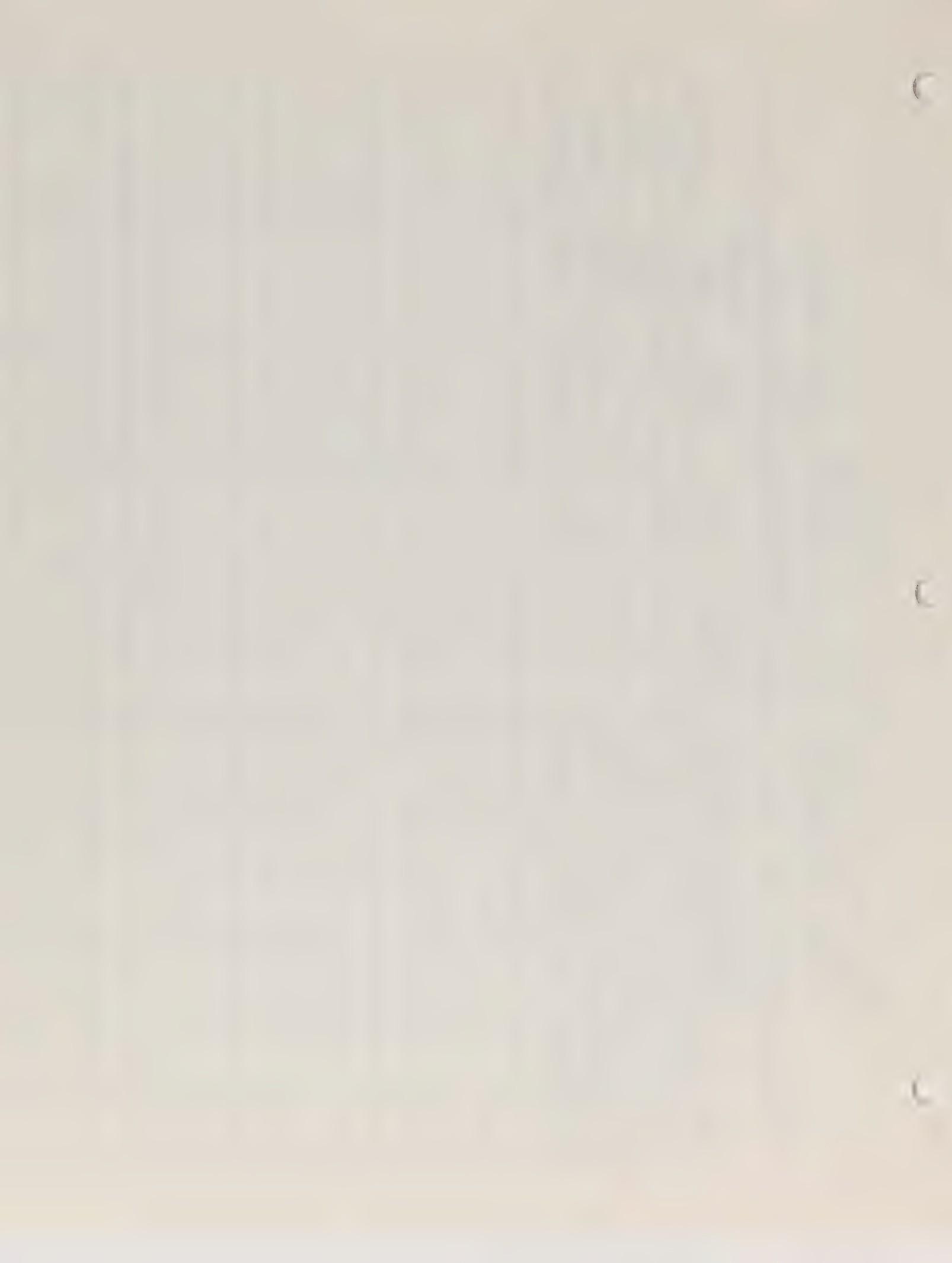


SG-1A DST #1 Jetting

## WATER PRODUCTION AND CONDUCTIVITY DATA SHEET

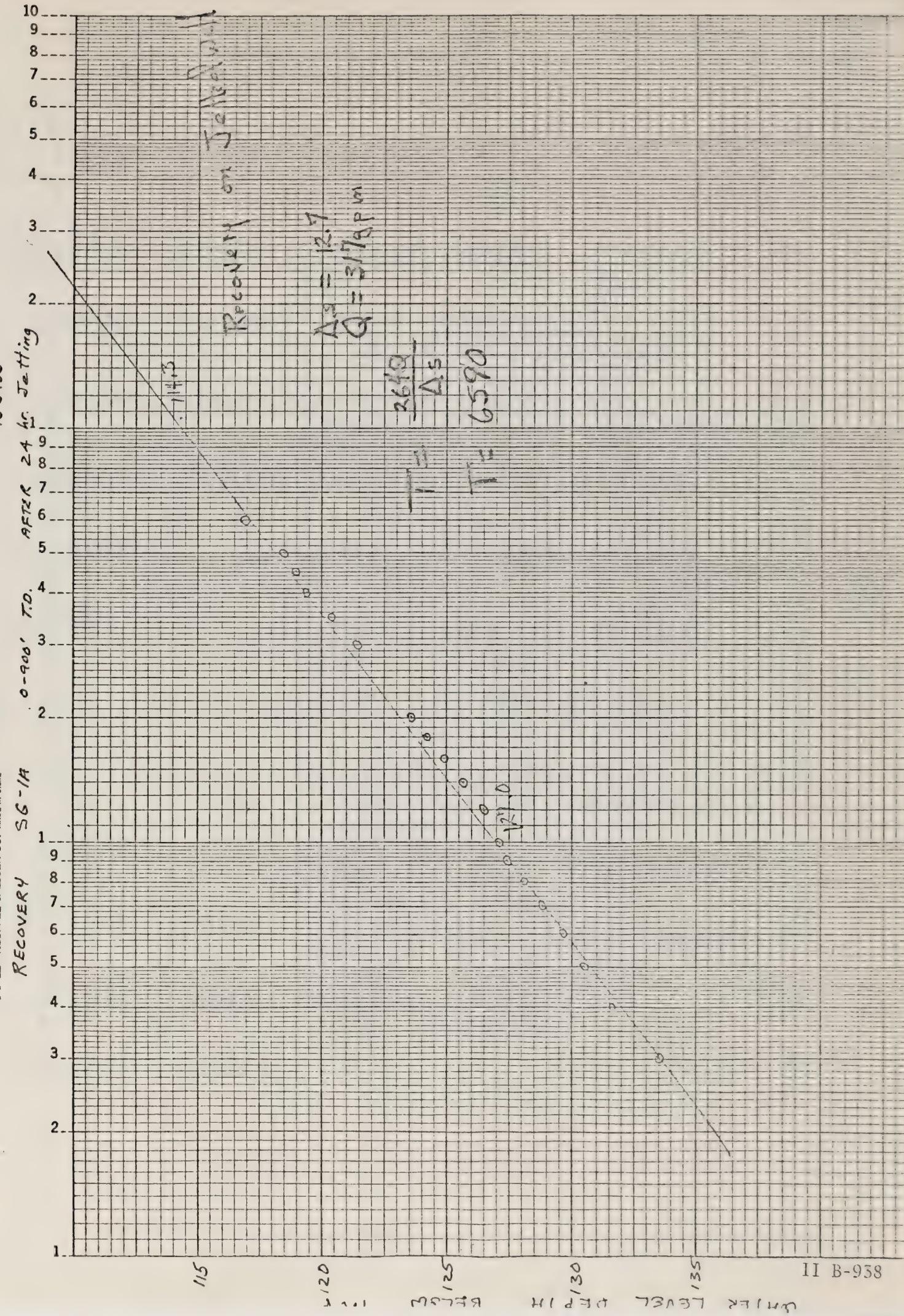
OPERATOR ARCO WELL NAME & NUMBER ZORGHUM GULCH #1 A LOCATION

DATE	TIME	HOURS SINCE START	WATER DEPTH	TEMPERATURE	CONDUCTIVITY	MICROMHOS	# INJECTED- WATER (rate - g/m)	PRODUCTION RATE (gpm)		REMARKS
								FLUME SIZE	FLUME READING	
1-18	1800	21	16.5	1200	0	0	0	.48	292	100
1-18	1900	22	16.5	1200				.47	283.	100
1-18	2000	23	16.5	1150				.418	292	100
1-18	2100	24	16.5	1100				.418	292	100



KΣ SEMILOGARITHMIC CYCLES X 70 DIVISIONS

46 5493



II B-958

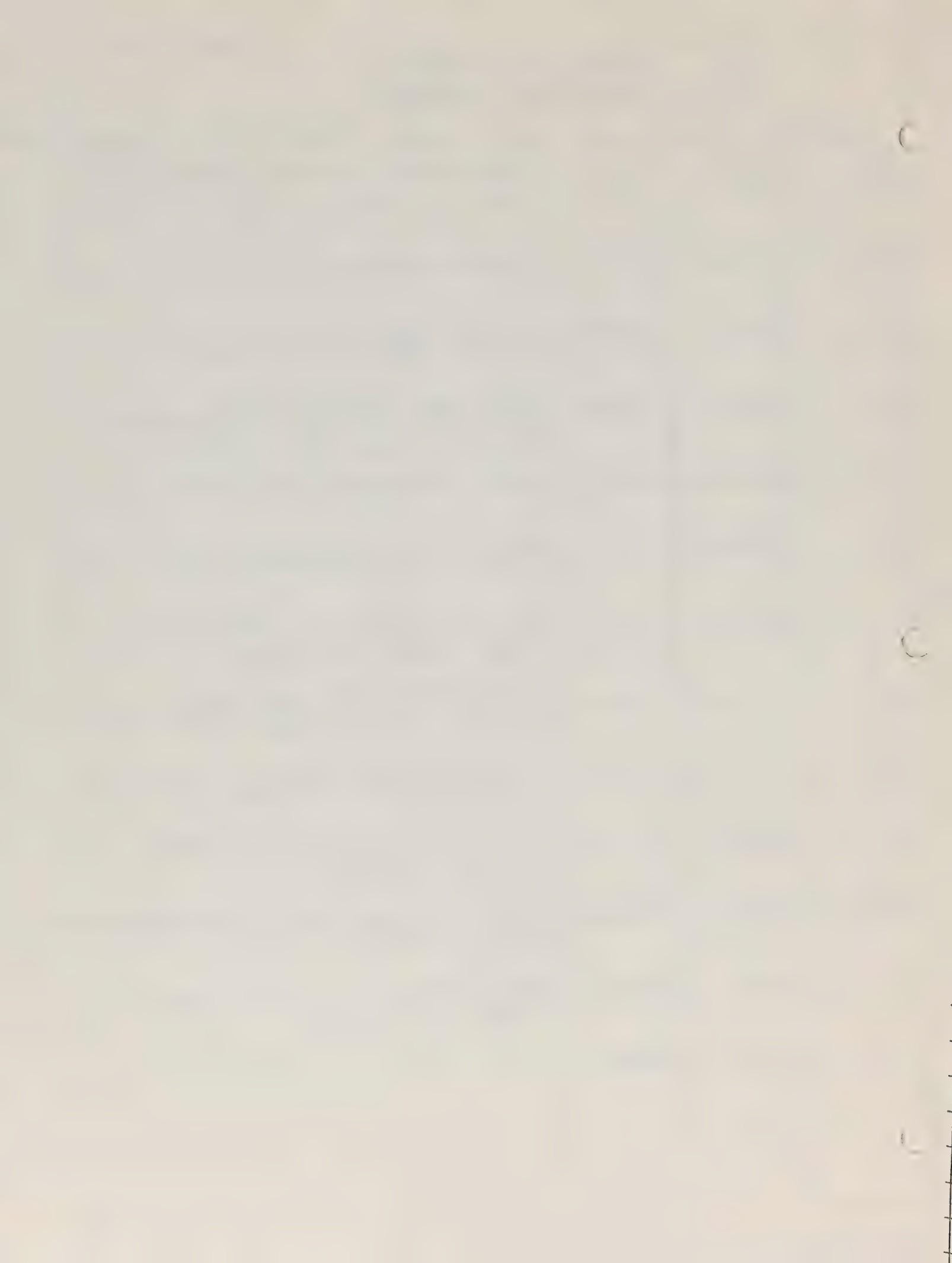


## SURFACE TIME RECORD

~~HATCH-FIXER TEST SERIES #2~~

SG #1 Test Zone 903' - 944' Test #1 TD SG-1A = 900

DATE	START TIME	END TIME	DESCRIPTION OF OPERATION DURING TIME
			Make up Tools & Start in hole
1-17-75	1630	1955	install recorders
	1955	20:05	IHP For 10 min.
			Setting PKrs. + Hook Wall
	20:05	20:30	Hook Wall wouldn't Hook
			Start out of hole with Test tool. Went back in hole with test tool
	20:30	20:50	Set hook wall at 2050
			OKrs. set - Hook Wall set
	20:50		
	21:00		Start Jetting in SG-1A PKrs set @ 903 + 944 S.S. gauges @ 894 911 948
			Johnson gauges @ 898' 937' 964' Hook Wall @ 970
			STATIC H <sub>2</sub> O 97.4 Prior to start of injection
	21:00		Start Draw Down + Injection
			STOPED injection Recovery for 60 min.
1-18-75	21:00	22:00	Start recovery in 1 A From 133.5 to 116.9 Unseated PKrs. & started 15 min FHP
	22:00	22:15	Pulled Plus
			Pulled out of hole
	22:15	00:00	



## WATER LEVEL IN ANNULUS SG#1

PUMP TEST DATA SHEET; WELL NO.

DST#1

PUMPED WELL SG #1AOBSERVATION WELL SG#1DATE: 1-17  
1-18

STATIC WATER LEVEL \_\_\_\_\_

PUMP (ON) ~~OFF~~ AT 21:00 (DRAWDOWN) (RECOVERY) TEST  
OFF 21:00

WATER TEMP. \_\_\_\_\_ CONDUCTIVITY \_\_\_\_\_ SAMPLE TAKEN (YES) (NO)

MP = MEASURING POINT MP 8.5 FT. ABOVE G.L. (GROUND LEVEL)

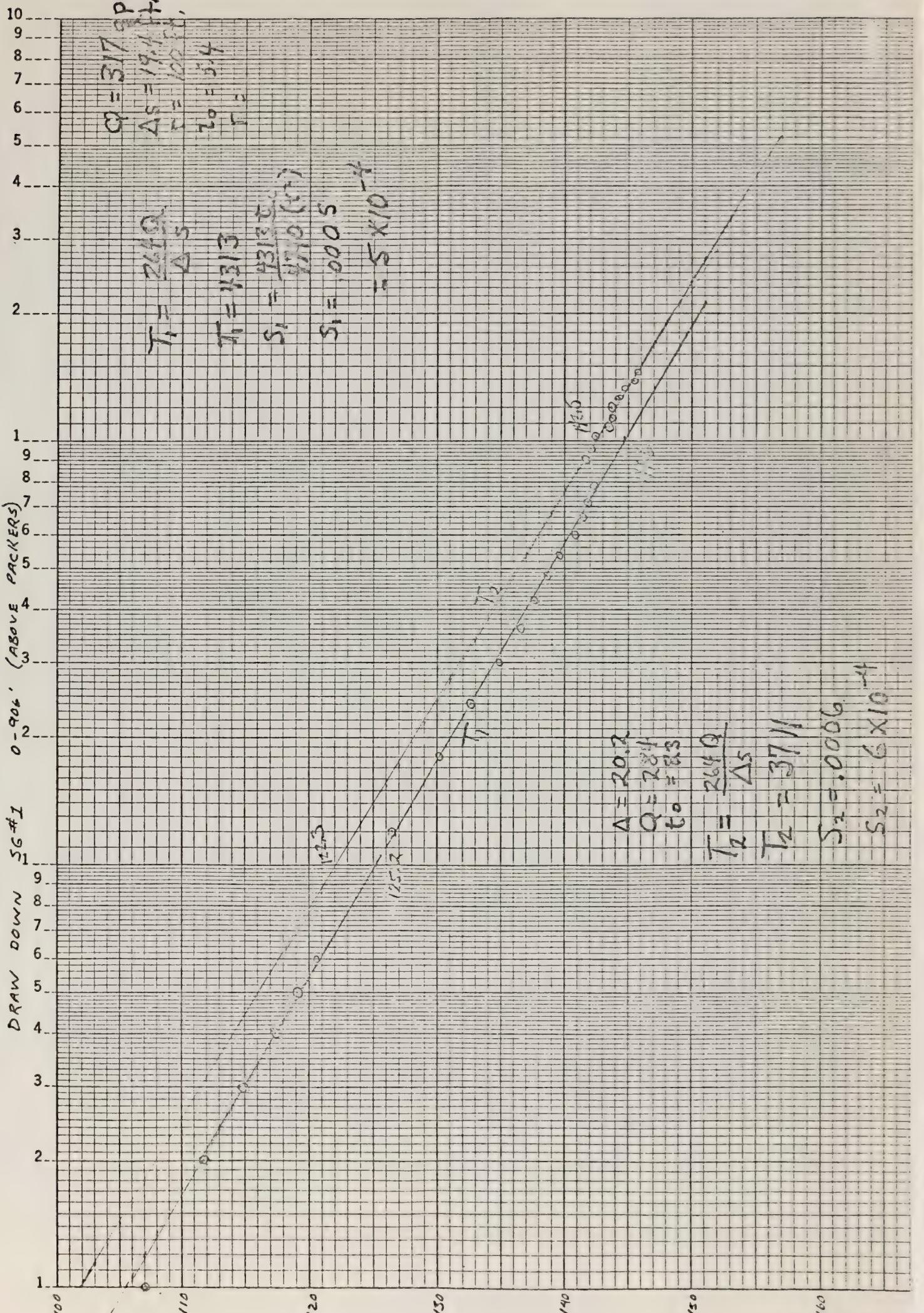
TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE Drawdown	CLOCK TIME	TIME IN HOURS	WATER LEVEL DEPTH BELOW MP		PUMP RATE
0	97.4	0.0	5:00	20	143.6	1200	46.2
10	107.0	9.6	6:00	21	144.2	1260	46.8
20	111.9	14.5	7:00	22	144.7	1320	47.3
30	114.9	17.5	8:00	23	145.4	1380	48.0
40	117.2	19.8		24	145.7	1440	48.3
50	119.0	21.6					
60	120.6	23.2					
70	126.3	28.9					
180	130.2	32.8					
240	132.6	35.2					
300	134.9	Min	37.5				
6 HR.	136.5	360	39.1				
7	137.6	420	40.2				
8	138.7	480	41.3				
9	139.7	540	42.3				
10	140.9	600	43.5				
11	141.4	660	44.0				
12	141.9	720	44.5				
13	142.2	780	44.8				
14							
15	141.7	900	44.3				
16	142.0	960	44.6				
17	142.3	1020	44.9				
18	143.5	1080	46.1				
19	143.8	1140	46.4				

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DRAW DOWN  $\Sigma G \# 1$  0 - 90° (ABOVE PACKERS)





246-B II

KELFEL & ESSER CO.

477523

LOGARITHMIC  
3 X 5 CYCLES

100

10

1

1.0 min

246-B I

1.0 min

10 min

10 min



PUMP TEST DATA SHEET ; WELL NO.

Packers @ 994 \$ 968'

PUMPED WELL SG-1A      OBSERVATION WELL SG-1

DATE: 1-19-74      STATIC WATER LEVEL \_\_\_\_\_

PUMP (ON) (OFF) AT 16:09      (DRAWDOWN) (RECOVERY) TEST

WATER TEMP. \_\_\_\_\_ CONDUCTIVITY \_\_\_\_\_ SAMPLE TAKEN (YES)

MP = MEASURING POINT      MP 0 FT. ABOVE G.L.(GROUND LEVEL)

TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE
0	102.7	0	0	1200	137.5	34.8
10	109.5	6.8		1260		
20	113.8	11.1		1320		
30	116.0	13.3		1380		
40	118.1	15.4		1440		
50	119.4	16.7				
60	120.6	17.9				
70	121.8	22.1				
180	127.0	24.3				
240	128.7	26.0				
300	130.1	27.4				
360	130.9	28.2				
420	131.9	29.2				
480	132.7	30.0				
540	133.5	30.8				
600	134.2	31.5				
660	135.2	32.5				
720	135.7	33.0				
780	136.3	33.6				
840	136.1	33.4				
900	136.1	33.4				
960	136.3	33.6				
1020	136.8	34.1				
1080	136.9	34.3				
1140	137.5	34.8				



TEST #2

WATER PRODUCTION AND CONDUCTIVITY DATA SHEET

OPERATOR ARCO WELL NAME & NUMBER SG-1

DATE	TIME	TIME SINCE STANDBY	WATER TEMPERATURE	CONDUCTIVITY MICROMHOS	INJECTED WATER (gpm - g/lm)	FLUME SIZE	FLUME READING	PRODUCTION RATE (gpm)	AIR PRESS. REMARKS	LOCATION
1-19	1639	.5	17	1350	2	6"	39	211	100	
"	1709	1	17	1300			.49	301	100	
1	1809	2	17	1250			.52	328	100	
"	1909	3	17	1250			.52	328	100	
"	2009	4	17	1250			.52	328	100	
"	2109	5	17	1250			.52	328	100	
"	2209	6	16	1200			.51	318	100	
1	2309	7	16	1200			.49	300.7	100	
1-20	2409	8	16	1200			.49	300.7	100 165	
"	01:09	9	16	1200			.49	300.7	100 165	
"	02:09	10	16	1200			.49	300.7	100	
"	03:09	11	16	1200			.49	300.7	100	
"	04:09	12	16	1150			.49	300.7	100	
"	05:09	13	16	1150			.48	291.7	100	
"	06:09	14	16	1150			.49	291.7	100	
"	07:09	15	16	1150			.48	291.7	100	
"	08:09	16	16	1150			.48	292	100	
"	09:09	17	16	1150			.48	292	100	
"	10:09	18	16.5	1200			.47	2.83	100	

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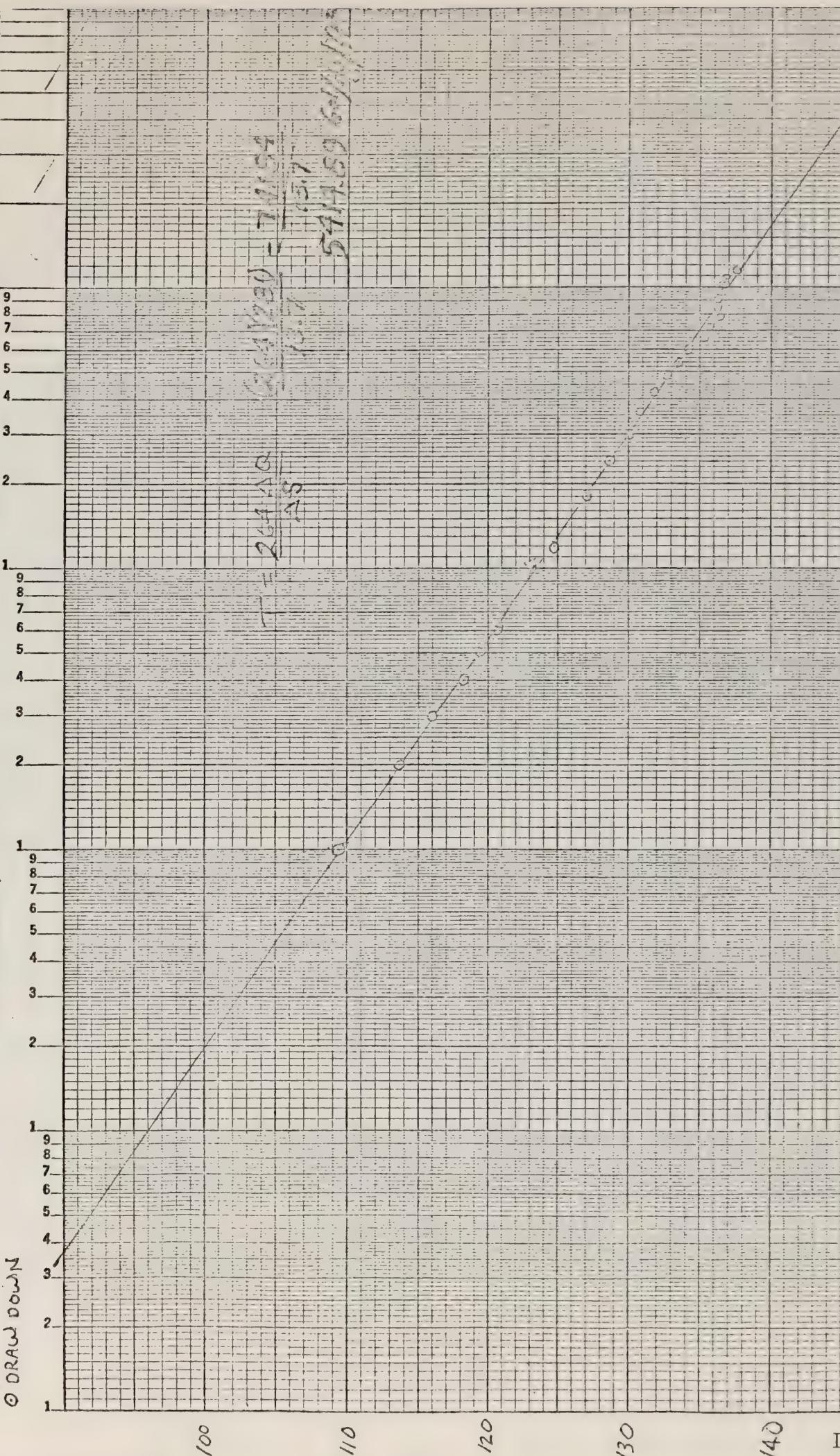
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SG# / DRAWDOWN  
Test fit 2

K# SEMI-LOGARITHMIC 46 6213  
5 CYCLES X 70 DIVISIONS MADE IN U.S.A.  
KEUFFEL & ESSER CO.

© DRAWDOWN



.100

.110

.120

.130

.140

II B-945

C

C

C

DST Test #2 SG 1-49  
PUMP TEST DATA SHEET ; WELL NO. 56-1

PUMPED WELL \_\_\_\_\_ OBSERVATION WELL 56-1

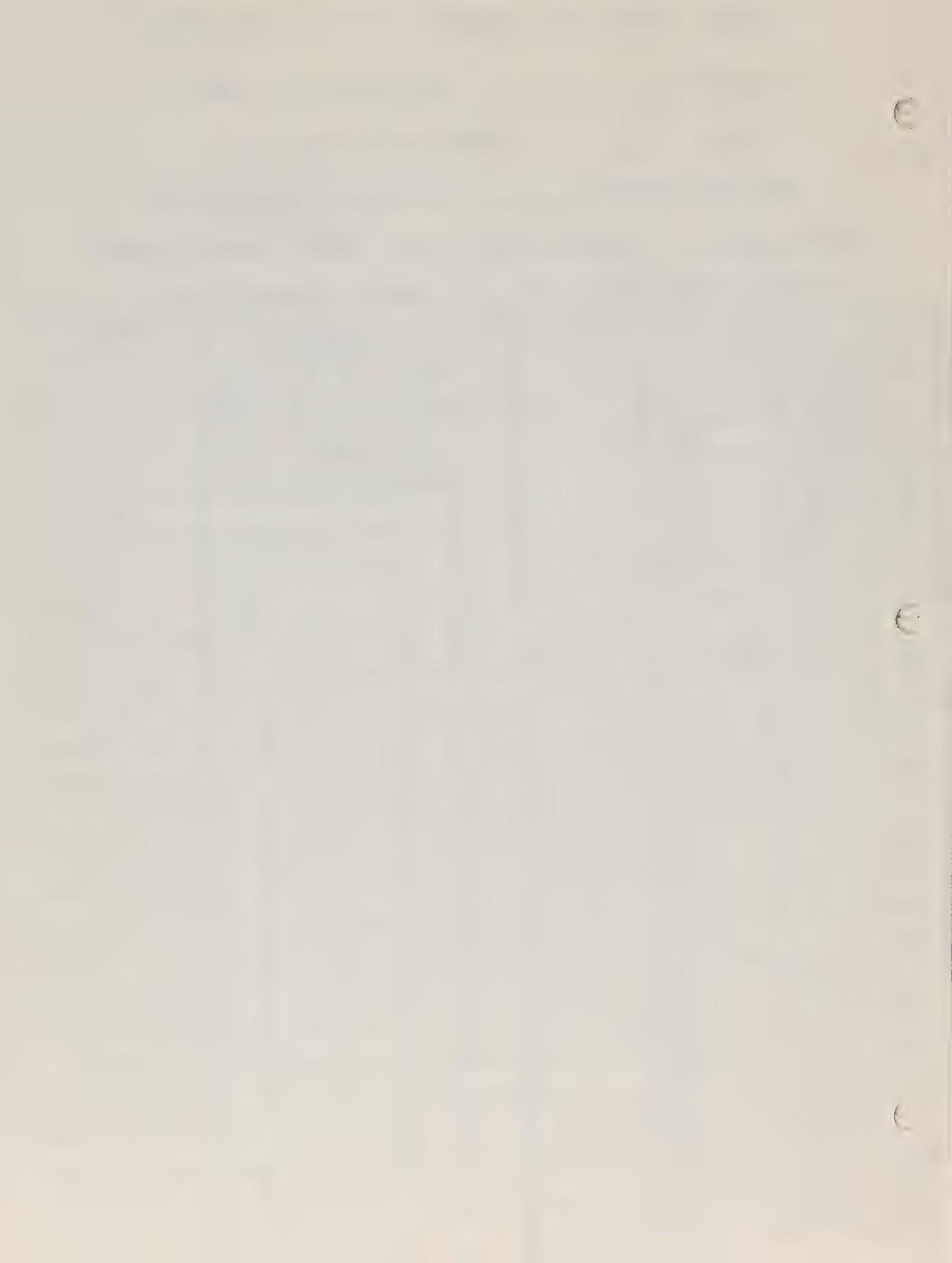
DATE: \_\_\_\_\_ STATIC WATER LEVEL \_\_\_\_\_

PUMP (ON) (OFF) AT \_\_\_\_\_ (DRAWDOWN) (RECOVERY) TEST

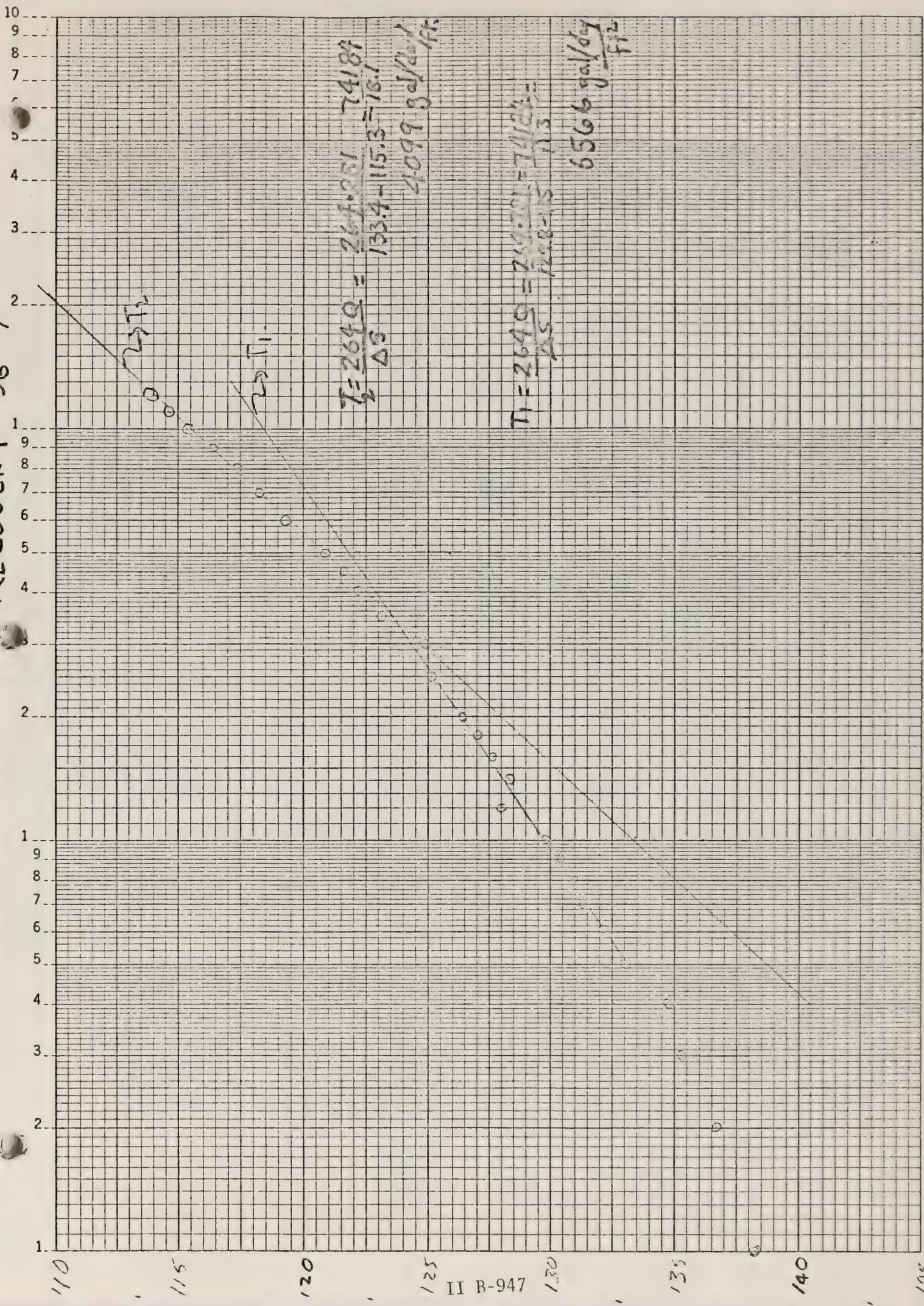
WATER TEMP. \_\_\_\_\_ CONDUCTIVITY \_\_\_\_\_ SAMPLE TAKEN (YES) (NO)

MP = MEASURING POINT MP FT. ABOVE G.L.(GROUND LEVEL)

TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	15	PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	15	PUMP RATE
0	137.5	0			90	116.4	21.1	
1	138.3	-0.8			100	115.3	22.2	
2	136.7	+0.8			110	114.7	22.8	
3	135.3	2.2			120	114.0	23.5	
4	134.7	2.8						
5	133.0	4.5						
6	132.1	5.4						
7	131.3	6.2						
8	130.869	6.6						
9	130.4	7.1						
10	129.8	7.7						
12	128.0	9.5						
14	128.3	9.2						
16	127.7	9.8						
18	127.0	10.5						
20	126.4	11.1						
25	125.1	12.4						
30	124.8	12.7						
35	123.1	14.1						
40	122.2	15.3						
45	121.6	15.9						
50	120.8	16.7						
60	119.4	18.1						
70	118.3	19.2						
80	117.4	20.1						



RECOVERY SG # /





DST-1 test L  
PUMP TEST DATA SHEET; WELL NO. SG-1A

SG-1A - TD 938' - no packer

PUMPED WELL SG-1A

OBSERVATION WELL SG-1A

DATE: 1-20-75 STATIC WATER LEVEL \_\_\_\_\_

PUMP (ON) (OFF) AT 1-19-75 (DRAWDOWN) (RECOVERY) TEST  
 OFF AT 1-20-75 12:09

WATER TEMP. \_\_\_\_\_ CONDUCTIVITY \_\_\_\_\_ SAMPLE TAKEN (YES) (NO)

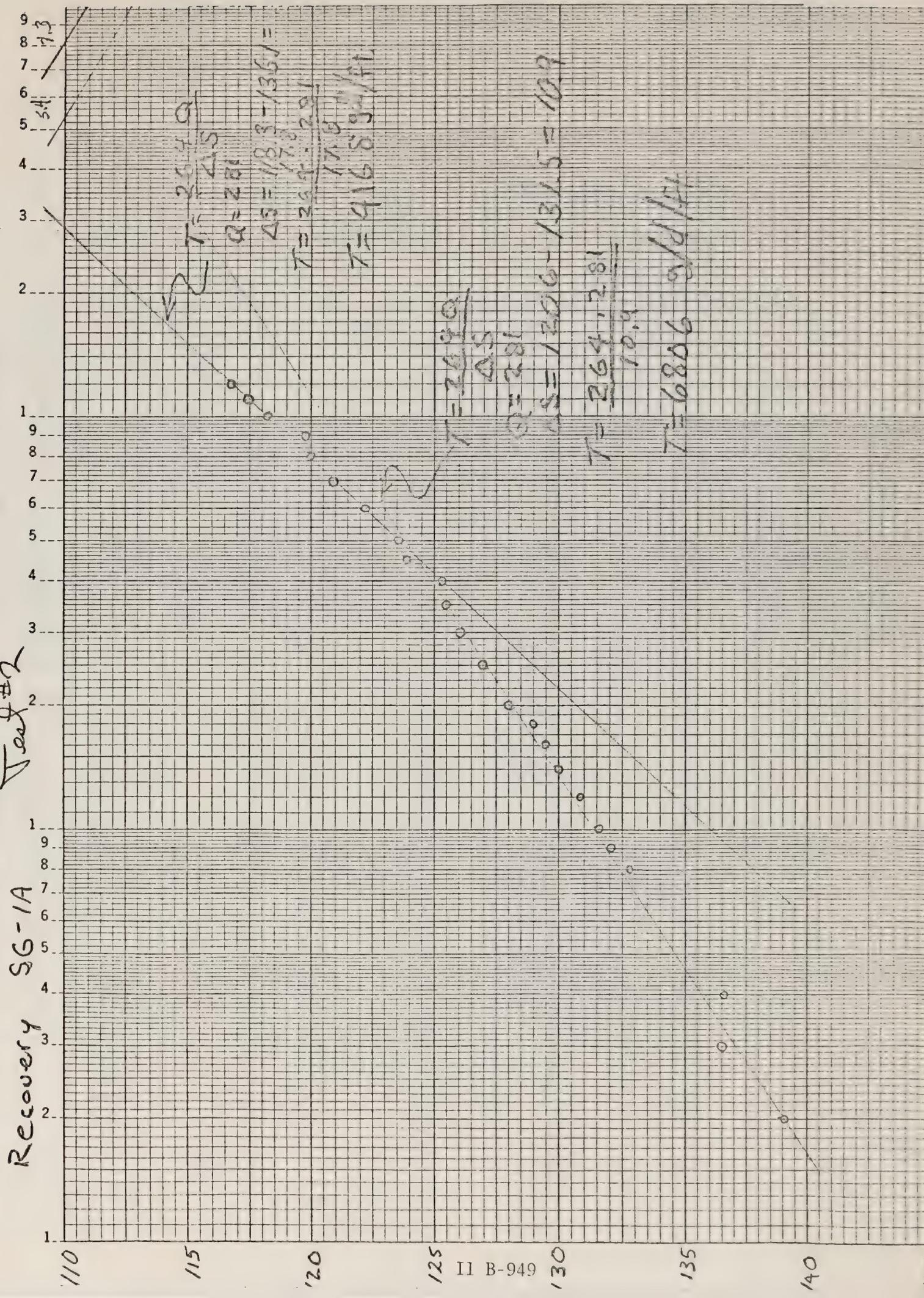
MP = MEASURING POINT MP 7.4 FT. ABOVE G.L. (GROUND LEVEL)

TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE
0				90	119.8	
1				100	118.3	
2	139.1			110	117.5	
3	136.5			120	116.8	
9	136.5					1
5						
6						
7						
8	132.8					
9	132.0					
10	131.6					
12	130.8					
14	130.0					
16	129.5					
18	129.0					
20	128.1					
25	127.					
30	126.1					
35	125.5					
40	125.3					
45	123.92	clear sand				
50	123.6					
60	122.2					
70	120.9					
80	120.0					

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## Test #3

PUMP TEST DATA SHEET; WELL NO. SG#1

Packets @ 907 \$944'

PUMPED WELL SG-1AOBSERVATION WELL SG-1DATE: 1-21-75

STATIC WATER LEVEL \_\_\_\_\_

PUMP (ON) (OFF) AT 7:35  
OFF

(DRAWDOWN) (RECOVERY) TEST

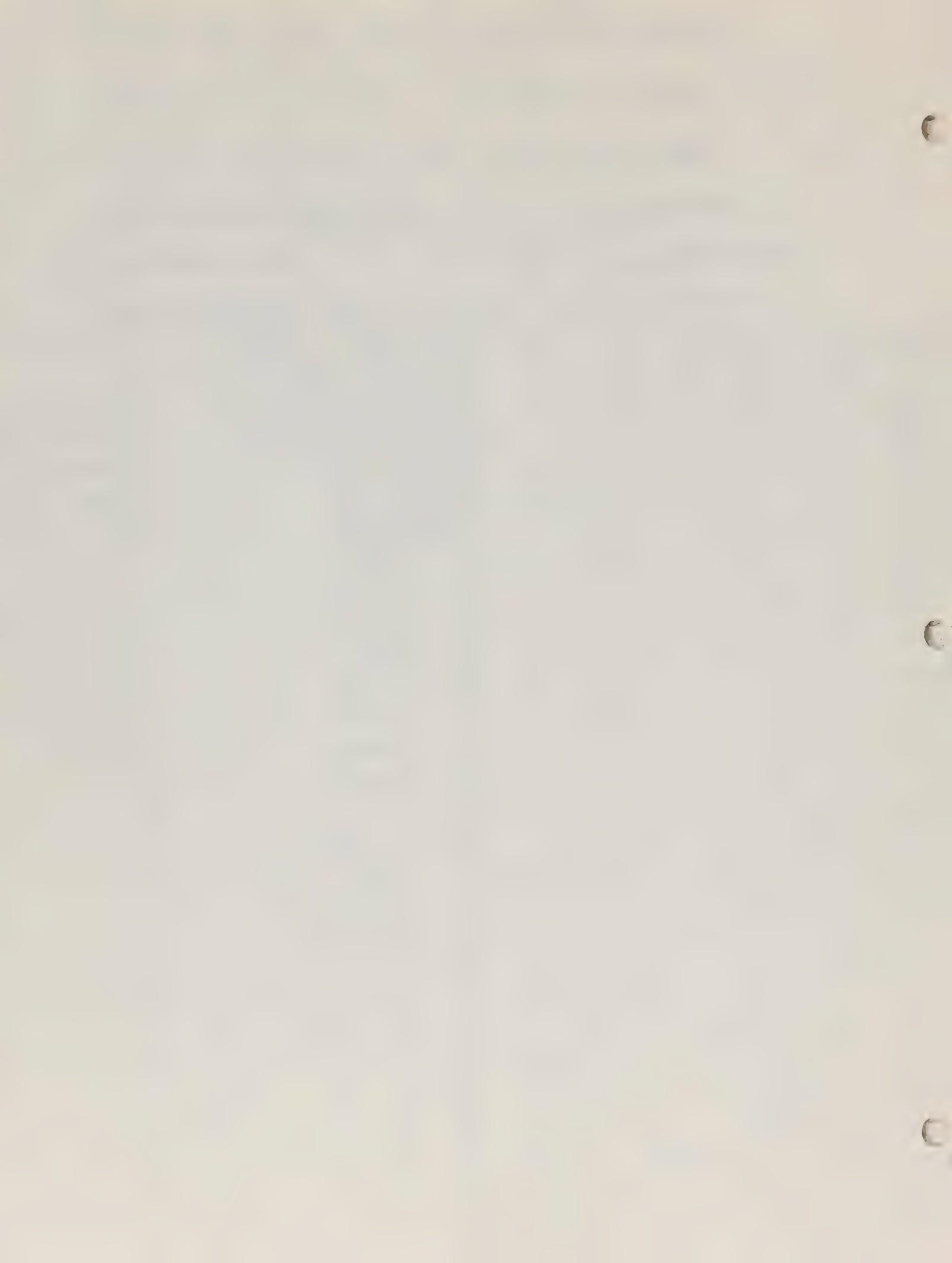
WATER TEMP. \_\_\_\_\_

CONDUCTIVITY \_\_\_\_\_

SAMPLE TAKEN (YES) (NO)

MP = MEASURING POINT MP 1.95 FT. ABOVE G.L.(GROUND LEVEL)

CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE
7:35	0	92.3		1235	300	94.5	5 hrs.
7:40	5	92.6		1325	350	94.1	5 hrs. 50 min
7:45	10	92.8		1415	400	93.9	6 hrs. 40 min
7:47	12	92.85		1505	450		7 hrs. 30 min
7:49	14	92.9		1555	500		8 hrs. 20 min
7:51	16	92.9			600		10 hrs.
7:53	18	93.0			700		11 hrs. 40 min
7:55	20	93.05			800		13 hrs. 20 min
8:00	25	93.2			900		15 hrs.
8:05	30	93.2			1000		16 hrs. 40 min
8:10	35	93.3			1200		20 hrs.
8:15	40	93.4			1400		
8:20	45	93.4					
8:25	50	93.6				SG#1A	
8:35	60	93.8	1 hr.		1030	85.9	
8:45	70	94.0			11:30	85.6	
8:55	80	N.A. 5 min			12:30	85.5	
9:05	90	94.2			1330	85.1	
9:15	100	94.3				84.5	
9:35	120	94.5	2 hr.				
9:55	140	94.7					
10:15	160	94.8					
10:35	180	94.9	3 hrs.				
10:55	200	94.9	3 hr. 20 min				
10:75	250	94.7	4 hr. 10 min				



PUMP TEST DATA SHEET ; WELL NO. 56 #1

TEST # 3

PUMPED WELL 56-1A

Recovery

OBSERVATION WELL 56 1/1

DATE: \_\_\_\_\_

STATIC WATER LEVEL \_\_\_\_\_

PUMP (ON) (OFF) AT \_\_\_\_\_ (DRAWDOWN) (RECOVERY) TEST

WATER TEMP. \_\_\_\_\_ CONDUCTIVITY \_\_\_\_\_ SAMPLE TAKEN (YES) (NO)

MP = MEASURING POINT MP 1.95 FT. ABOVE G.L.(GROUND LEVEL)

CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE
	0	84.7			90	82.3	
	1	84.5			100	82.2	
	2	84.3			110	82.1	
	3	84.2			120	82.0	
	4	84.0			130		
	5	83.9			140		
	6	83.8			150		
	7	83.7			160		
	8	83.6			170		
	9	83.5			180		
	10	83.5					
	12	83.4					
	14	83.4					
	16	83.3					
	18	83.3					
	20	83.2					
	25	83.1					
	30	83.0					
	35	82.95					
	40	82.9					
	45	82.8					
	50	82.75					
	60	82.65					
	70	82.55					
	80	82.4					

C

C

C

Test #3

## WATER PRODUCTION AND CONDUCTIVITY DATA SHEET

OPERATOR, AECO WELL NAME & NUMBER SG-1A LOCATION:

DATE	TIME	SIGHT DEPTH	WATER TEMPERATURE	CONDUCTIVITY MICROMHOS	INJECTED WATER (rate - gpm)	FLUME SIZE	FLUME READING	PRODUCTION RATE (gpm)		AIR PRESS REMARKS
								1000	2000	
1-21-75	0745	.05	14.8	1600	.05	6.7"			20	
1-21	835	1	14.5	1650					20	200
1-21	935	2	15.5	1750					20	210
1-21	1035	3	16.	1700					20	210
1-21	1135	4	16	1700					20	
1-21	1235	5	16	1800					20	
1-21	1330	6	16	1800					20	
1-21	1430	7	16	1800					20	



SURFACE TIME RECORD  
MULTI-FRACKER TEST SURVEY #2

DST #3

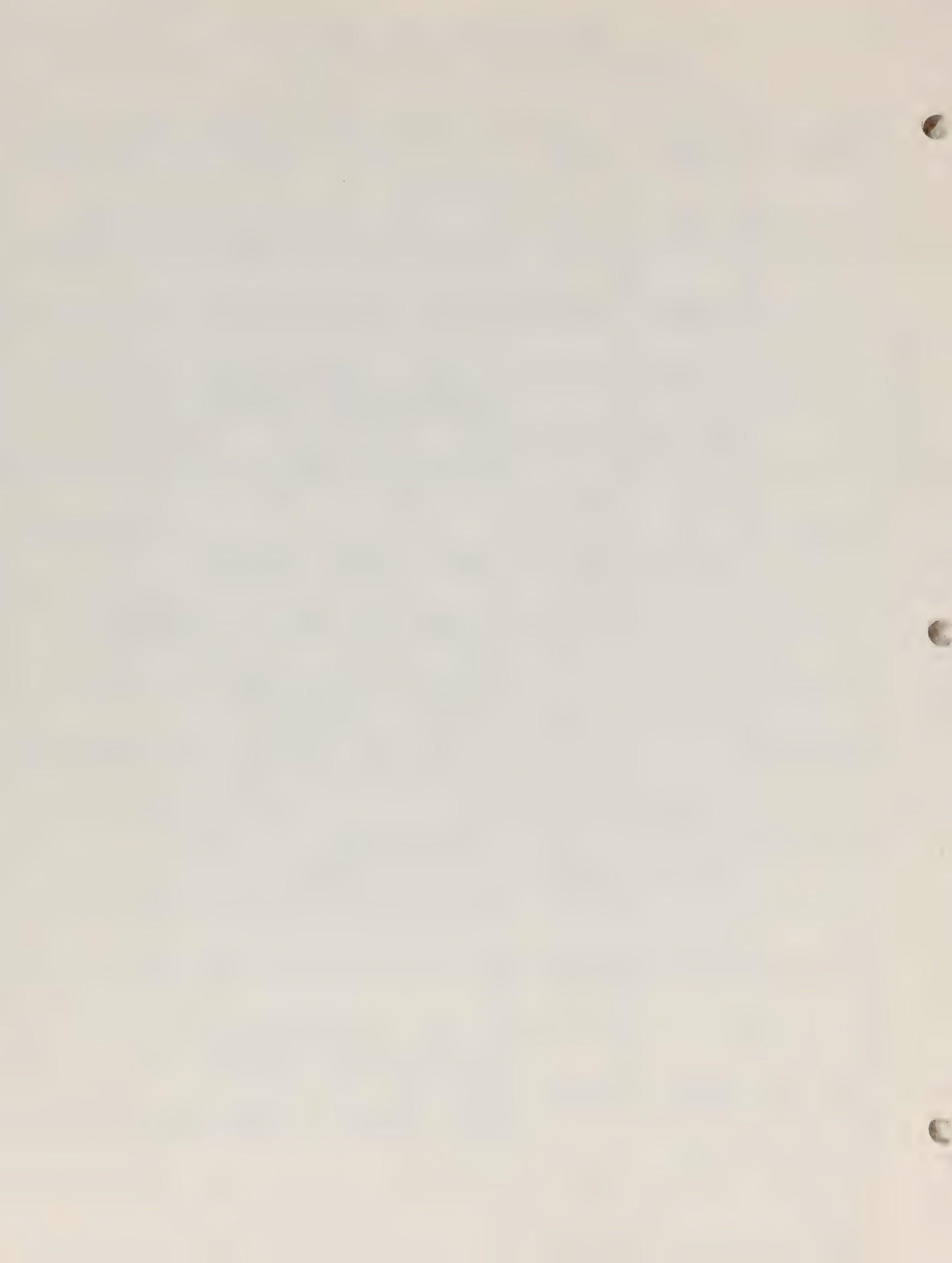
SG #1 Test Depth 944' - 968

DATE	START TIME	END TIME	DESCRIPTION OF OPERATION DURING TIME
			SG-1
1-19-75	00:00	0150	Started in hole w/ recorders & PKrs.
"			SG-1
	0150	02:17	IHP for 27 min.
"			SG-1
	2:18		PKrs. set - Hook Wall Set
"	8:50	11:10	UNLOAD HOLE & DRILLING STOP DRILLING SG-1A
"	11:10	13:20	Recheck strap SG-1A
"	13:20	13:45	DRILLING SG-1A
"	13:45	13:09	Cleaning hole & setting Jet string SG-1A
"	13:09	1209	START JETTING STOP JETTING
"	1209	1409	RECOVERY 1-1A
"	1409	1440	TRIPPING S-J LOGS
"	1440		
1-20-75	1900	2145	TRIP IN HOLE SG 1-A SET PKER AT 9:45
1-20-75			RUN JET TUBING more rig to
1-21-75	2145	0230	SG #1

USE 24 HOUR CLOCK TIME AND RECORD ALL TIMES TO NEAREST MINUTE.  
WITH SPECIFY SUN QUARTER CLOCK ON LOCATION.

II B-953

C.E.R. 1-6-75



SURFACE TIME RECD  
MULTI-PACKER TEST SERIES # 2

Test #3 1-21-75

G

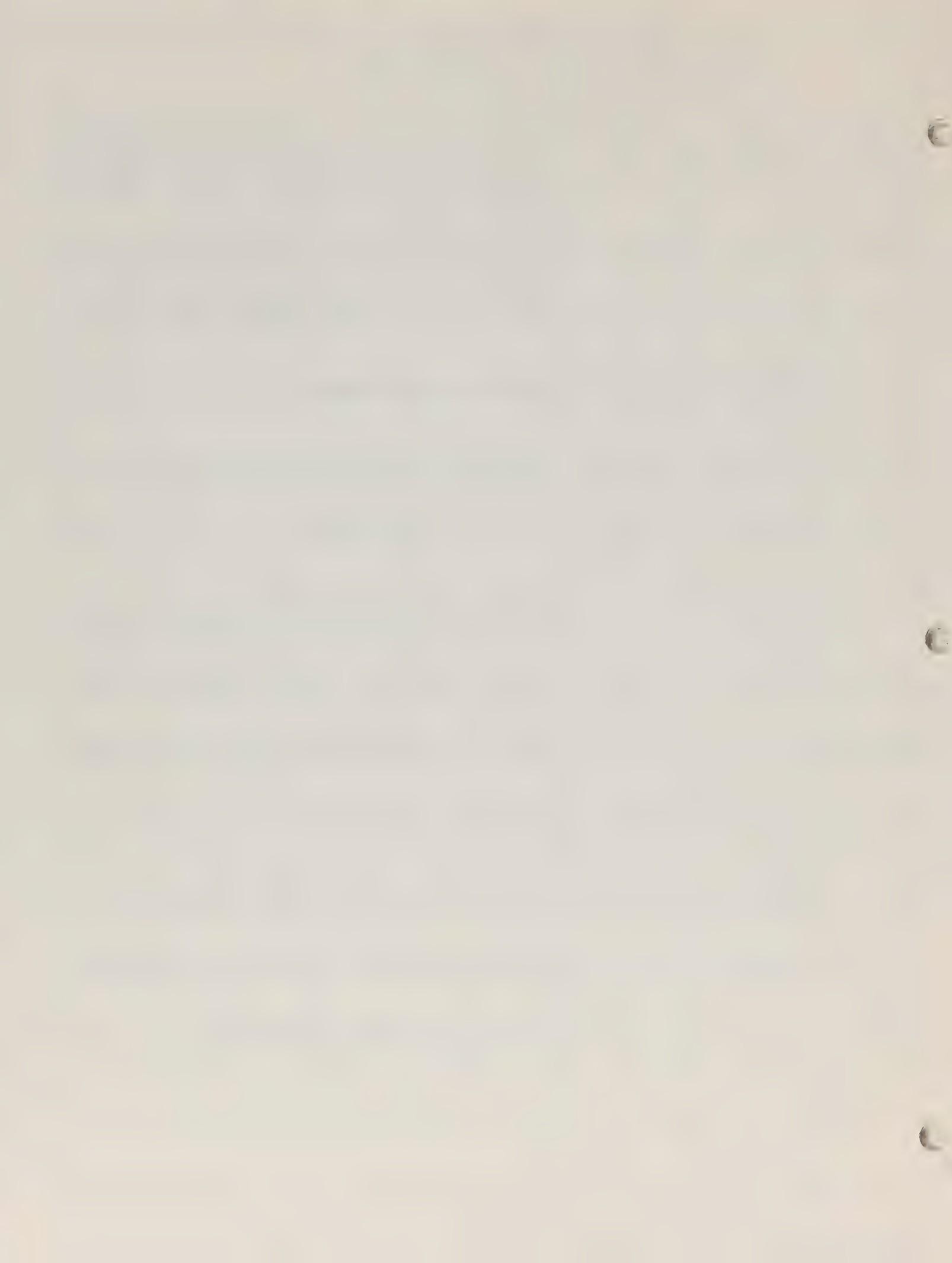
C

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**SURFACE TIME RECORD  
MULTI-PACKER TEST SERIES #2**

**DST#4**

DATE	START TIME	END TIME	DESCRIPTION OF OPERATION DURING TIME
1-23-75			Packer Depth in SG #1 907' 944' Test Depth in SG #1 38' Packer Depth in SG #1A 909'
			Test Depth in SG #1A 909' 938' Sperry Sun Gauges @ 893' 918' 959' Lynes Gauges @ 893' 931' 954'
	19:30	21:30	Making up Tools
	21:30	21:47	Clocks + recorders
			Start in hole w/ PKs assembly
	21:47	00:50	Tryin to set pkrs
	00:50		PKs, definately set
			Taking recovery period from setting
1-24-75	0050	1:20	PKs; started 24 hr jetting at 1:30
1-25-75	1:20	<	Test over; Prep to pull Test assemb.
	1:20	4:20	Recovery in #1A + #1
	4:20	4:40	Prep to pull <del>pkrs</del> , PKs. lose.
	4:40		PKs. pulled - start out of hole
			No packers leaked.

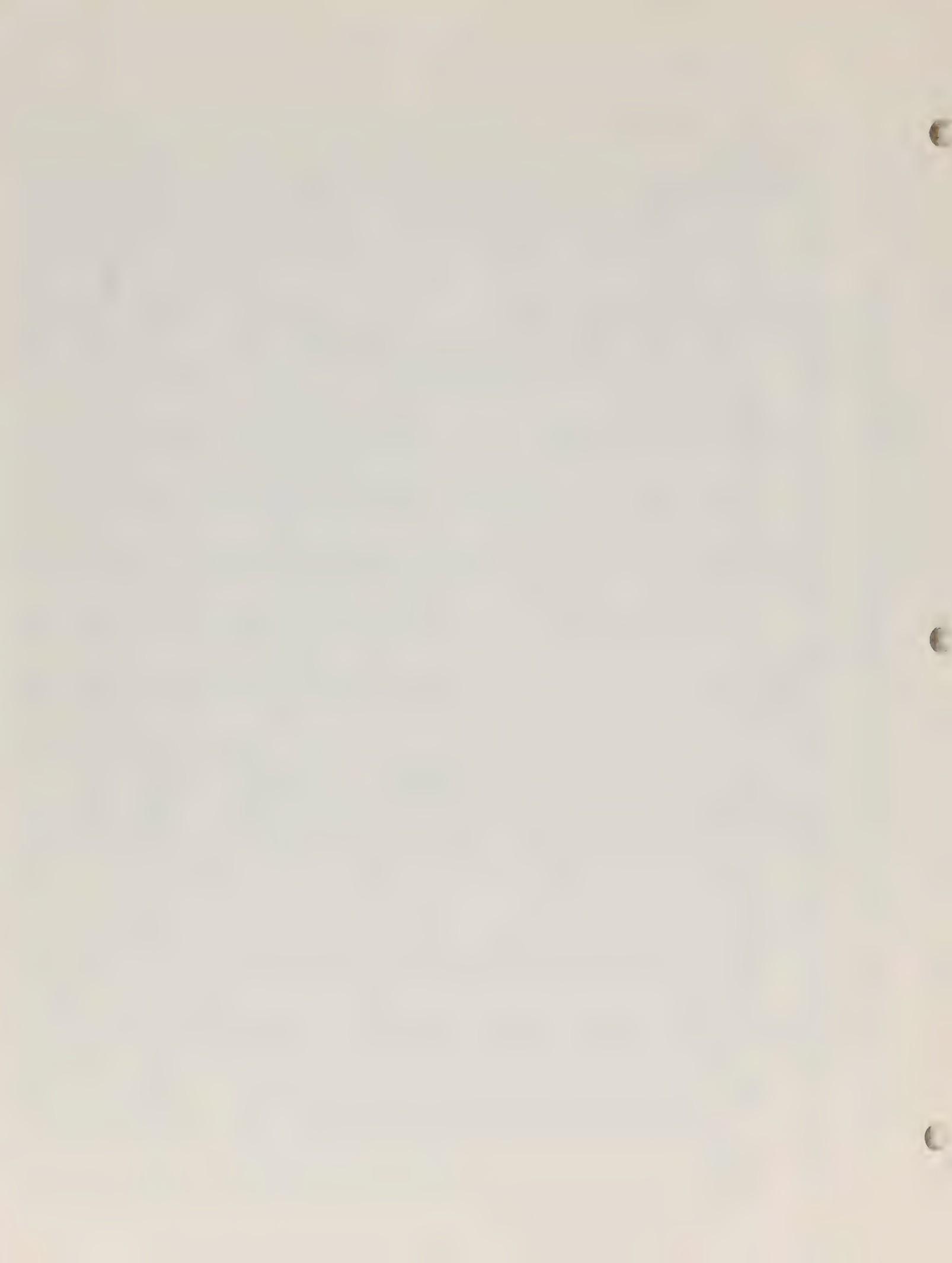


DST #4

## WATER PRODUCTION AND CONDUCTIVITY DATA SHEET

OPERATOR, ARCO WELL NAME &amp; NUMBER SG - 1A

DATE	TIME	TIME SINCE DEPTH	WATER TEMPERATURE	CONDUCTIVITY MICROMHOS	INJECTED WATER (rate - gpm)	FLUME SIZE	FLUME READING	PRODUCTION RATE (gpm)	AIR PRESS. REMARKS	
									LOCATION	
1-24	1:50	.5	12°	2600	0	6"		6 gpm	896	
2:20	10	12°		2900				6 gpm	120	
3:20	2	13.5		2900				6 gpm	120	
4:20	3	13.0		2900				6 gpm	120	
5:20	4	13.0		2900				6 gpm	120	
6:20	5	13.0		2900				6 gpm	120	
7:20	6	13.0		3000				6 gpm	120	
8:20	7	14.		3000				6	120	
1-24	9:20	8	15.5	3000				6	120	
1-24	10:20	9	15	3000				6	120	
1-24	11:20	10	15.5	3000				6	120	
1-24	13:00	11.5	15	3000				6	120	
1-24	14:00	12	15	3170	11565	MEASUREMENTS	8	120		
1-24	16:20	13	15	3400				6	120	
				14						
				15						
1-24	18:00	16	15	3200				8	120	
20:20	17	14		3000				6 gpm	120	
21:20	18	14		3000				7.5	120	
22:20	19	13.5		3200				6 gpm	120	

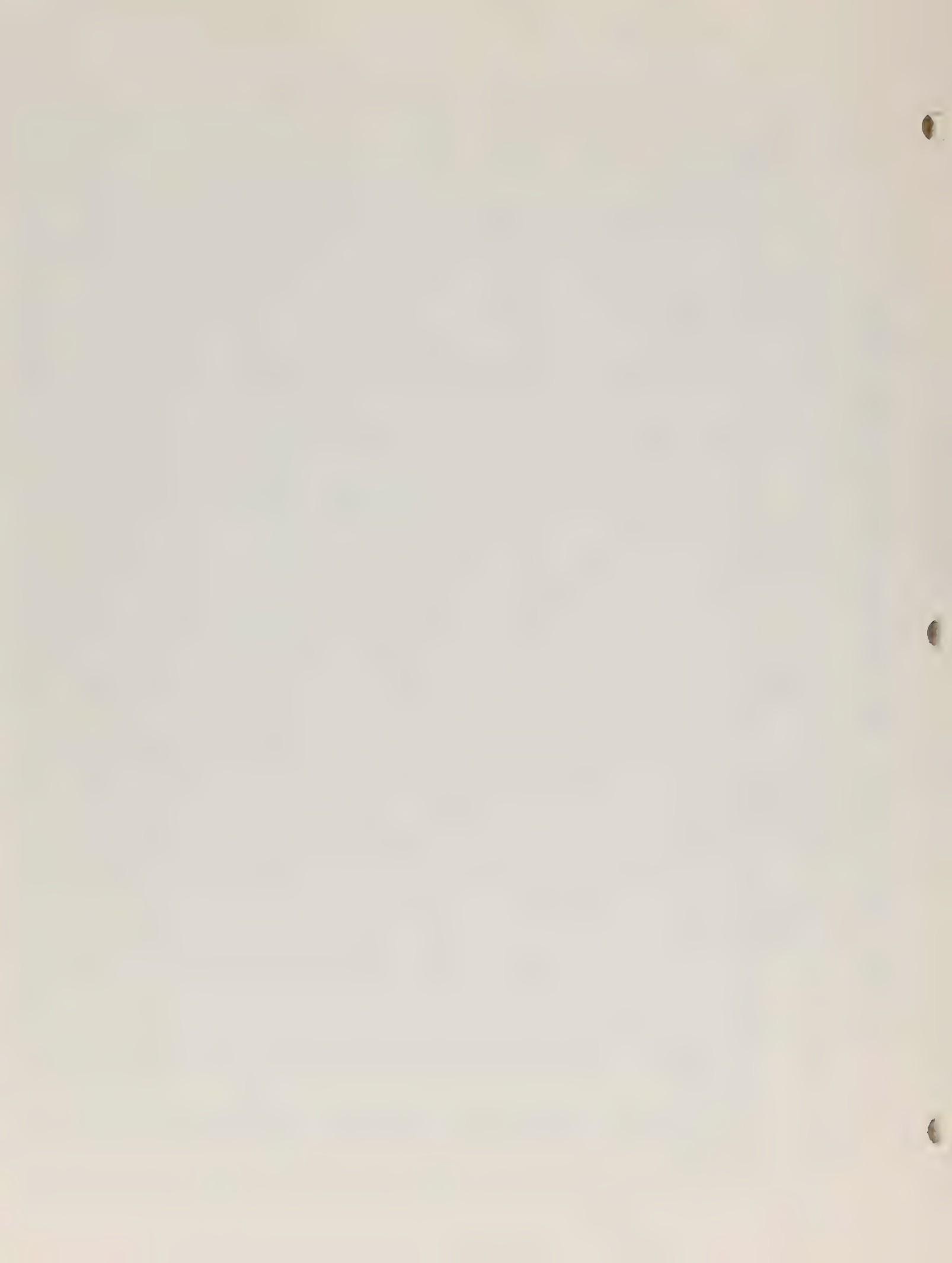


LAST

## WATER PRODUCTION AND CONDUCTIVITY DATA SHEET

OPERATOR \_\_\_\_\_ WELL NAME & NUMBER \_\_\_\_\_

**LOCATION.**



D.P. DST #4  
 Record in ~~Standards~~ PUMP TEST DATA SHEET; WELL NO. SG-1

SG #1  
 curtain in  
 air pipe

PUMPED WELL \_\_\_\_\_ OBSERVATION WELL SG-1

DATE: 1-23-75 STATIC WATER LEVEL \_\_\_\_\_

PUMP (ON) (OFF) AT \_\_\_\_\_ (DRAWDOWN) (RECOVERY) TEST

WATER TEMP. \_\_\_\_\_ CONDUCTIVITY \_\_\_\_\_ SAMPLE TAKEN (YES) (NO)

MP = MEASURING POINT MP 8.2 FT. ABOVE G.L. (GROUND LEVEL)

TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE
0	2.0		6:20	300	11.9	5 hrs.
5	2.4		7:10	350	12.6	5 50 min.
10	2.8		8:00	400	12.9	6 40
12	3.1		8:50	450	13.3	7 - 30
14	3.2		9:40	500	13.6	8 - 20
16	3.4		11:20	600	14.1	10
18	3.6		13:00	700	14.5	11 40
20	3.8		14:40	800	14.9	13 - 20
25	4.1		16:20	900	15.2	15
30	4.5		18:00	1000	15.4	16 40
35	4.8		19:20	1200	16.1	20
40	5.1		20:40	1400	16.3	
45	5.4		1:20	1400	16.4	
50	5.6					
60	6.1	1 hr.	1:40		7.0 + 1.95	
70	6.7					
80	7.0					
90	7.5					
100	7.8					
120	8.5	2				
140	9.1					
160	9.6					
180	10.1	3				
200	—	3 20 min				
250	11.3	4 10 min				



PUMP TEST DATA SHEET, WELL NO. SG-1

DST #4

rd in D.P. Annulus

Packers @ 907 ft 944'

SG-1

PUMPED WELL

OBSERVATION WELL SG-1

drawdown phase. DATE: 1-23-75

STATIC WATER LEVEL

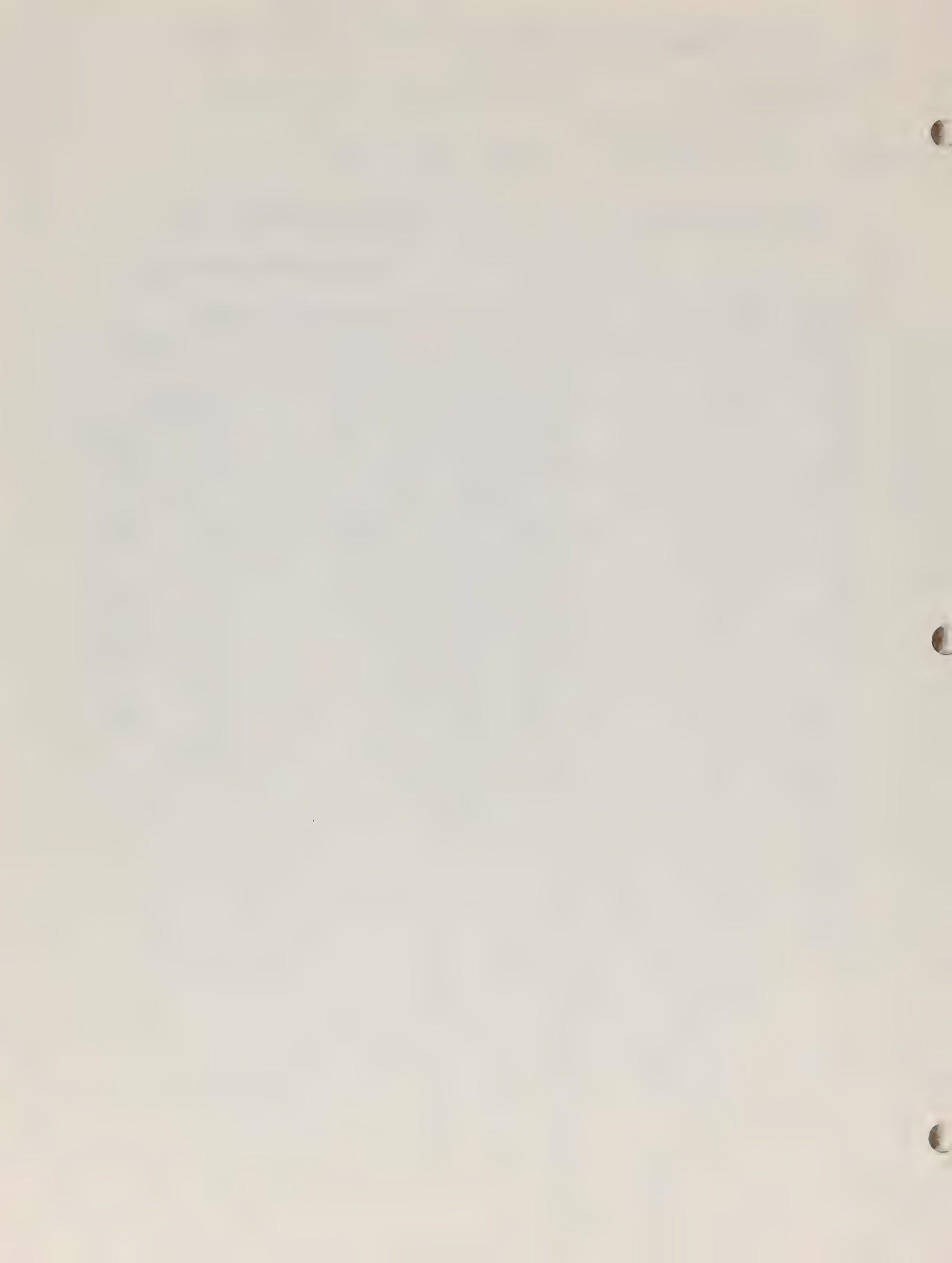
PUMP (ON) (OFF) AT

(DRAWDOWN) (RECOVERY) TEST

WATER TEMP.   CONDUCTIVITY   SAMPLE TAKEN (YES) (NO)

MP = MEASURING POINT MP 42 FT. ABOVE G.L.(GROUND LEVEL)

TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE
0	0		6:20	300	+2.65	5 hrs.-
5	0		7:20	400	3.18	5 50 min.
10	-.05'		8:20	400	3.6	6 40
12	-.05'		9:20	400	4.0	7 30
14	0		10:20	500	4.5	8 20
16	0		11:20	600	4.73	10
18	0		13:00	700	5.35	11 40
20	+1'		14:40	800	6.1	13 20
25	+1'		16:20	900	6.5	15
30	+15'		18:00	1000	7.1	16 40
35	+23'		21:20	1200	7.7	20
40	+36'		20:40	1400	8.4	
45	+.4		12:00	1600		
50	+.44					
60	+.71	1 hr.				
70	+.84					
80	+1.11					
90						
100						
120	+1.64	2				
140						
160						
180	.261	3				
200		3 20 min.				
250	.232	4 10 min.				
					II B-959	



SEMI-LOGARITHMIC 5 CYCLES X 70 DIVISIONS  
KEUFFEL & ESSER CO. MADE IN U.S.A.

46 6212

2. (Eq)

56 #1 907-944'

— 1 —

Scatter plot showing data points for Series A (open circles) and Series B (solid circles).

Series A (Open Circles):

x	y
0	0
2	0.5
4	1.0
6	1.5
8	2.0
10	2.5
12	3.0
14	3.5
16	4.0
18	4.5
20	5.0
22	5.5
24	6.0
26	6.5
28	7.0
30	7.5
32	8.0
34	8.2
36	8.4
38	8.6
40	8.8
42	8.9
44	9.0
46	9.1
48	9.2
50	9.3
52	9.4
54	9.5
56	9.6
58	9.7
60	9.8

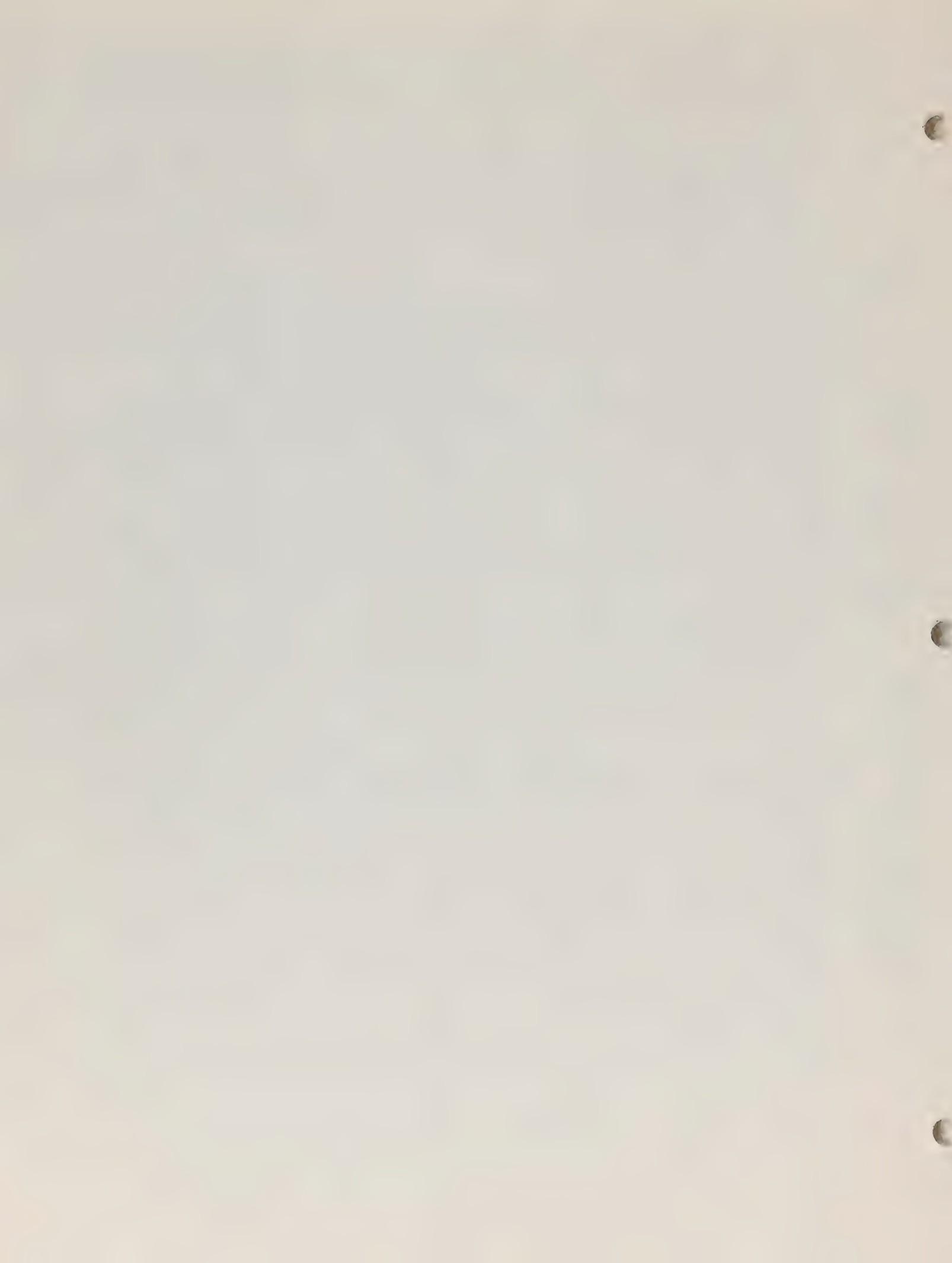
Series B (Solid Circles):

x	y
0	0
2	0.5
4	1.0
6	1.5
8	2.0
10	2.5
12	3.0
14	3.5
16	4.0
18	4.5
20	5.0
22	5.5
24	6.0
26	6.5
28	7.0
30	7.5
32	8.0
34	8.2
36	8.4
38	8.6
40	8.8
42	8.9
44	9.0
46	9.1
48	9.2
50	9.3
52	9.4
54	9.5
56	9.6
58	9.7
60	9.8

Annotations:

- $T = \frac{243.5}{100} / 100$
- $S = \frac{6.67}{T}$
- $A_{\text{min}} = 243 \times 22$
- $A_{\text{max}} = 486 \times 100$
- $\approx 5346$
- $\approx 180000$
- $\approx 1.5 \times 10^6$
- $= 1.1 \times 10^6$

II R-060



irco ET AL Sorghum Batch #1

DST#4  
SG-1

n 25-1935

PUMP TEST DATA SHEET; WELL NO. SG-1

PUMPED WELL \_\_\_\_\_

OBSERVATION WELL SG-1

DATE: \_\_\_\_\_

STATIC WATER LEVEL \_\_\_\_\_

#1

n Drill pipe PUMP (ON) (OFF) AT \_\_\_\_\_ (RECOVERY) TEST

WATER TEMP. \_\_\_\_\_

CONDUCTIVITY \_\_\_\_\_

SAMPLE TAKEN (YES) (NO)

MP = MEASURING POINT MP 8.0 FT. ABOVE G.L.(GROUND LEVEL)

TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE
0	16.4			90	16.55	
1	16.4			100	16.56	Annulus 80.1
2	16.4			110	16.55	
3	16.4			120	16.56	
4	16.4			130	16.58	Annulus 80.0
5	16.4			140	16.60	
6	16.4			150	16.60	
7	16.4			160	16.62	Annulus 80.0
8	16.4			170	—	
9	16.4			180	16.65	
10	16.41					
12	16.4					
14	16.4					
16	16.4					
18	16.4					
20	16.4					
25	16.4					
30	16.4					
35	16.4	Annulus @ 79.7				
40	16.45					
45	16.45					
50	16.45					
50	16.46					
70	16.48	Annulus @ 79.55				
80	16.52					



DST #4  
in Annulus PUMP TEST DATA SHEET; WELL NO. SG-1A

"1A

Packer @ 909 ~~± 35'~~ TD 938'

down phase PUMPED WELL

OBSERVATION WELL SG-1A2.69

DATE: 1-23-75

STATIC WATER LEVEL

PUMP (ON) (OFF) AT

(DRAWDOWN) (RECOVERY) TEST

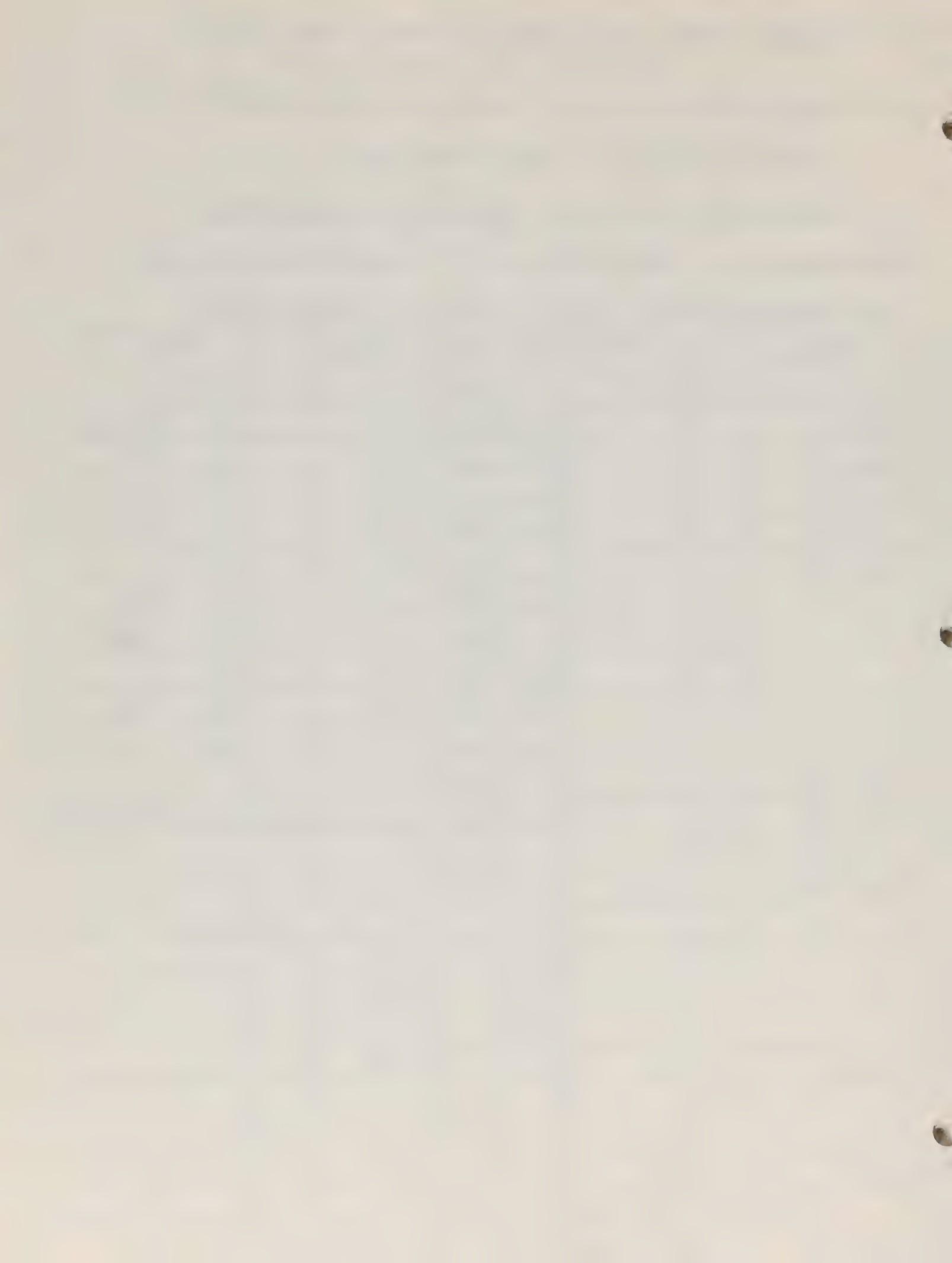
WATER TEMP.

CONDUCTIVITY

SAMPLE TAKEN (YES) (NO)

MP = MEASURING POINT MP 4.5 FT. ABOVE G.L. (GROUND LEVEL)

TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE
0	85.50 Prior to start		6:20	300	+2.56	5 hrs.
5	83.60		7:20	360	+3.32	5 50 min.
10	00.00		8:20	400	+3.87	6 <del>7</del>
12	00.00		9:20	-	4.3	7 <del>30</del>
14	00.00		10:25	500	4.75	8 20
16	00.00		11:20	600	5.1	10
18			13:00	700	5.73	11 40
20			14:40	800	6.3	13 20
25			16:20	900	6.9	15
30			18:00	1000	7.3	16 40
35	+ 7.5		21:20	1200	7.7	20
40	+00.40		00:40	1400	8.4	
45	+00.45		1:20	14A0	8.6	End of Test @ 1:20 1-23-75
50	+00.50					
60	+00.60	1 hr.	1:40	-	8.95	
70	+1.13		2:10	9		
80			2:40	9.15		Recovery
90			3:10	9.25		
100			3:40	9:45		
120	1.62	2	4:10	9:50		
140						
160						
180	2.11	3				
200		3 20 min				
220	2.4	4 10 min				



Arco ET AL Sorghum Catch #1A

DST #4  
WELL NO. SG-1A

Jan 25-1975

PUMP TEST DATA SHEET; WELL NO. SG-1A

909-938'

PUMPED WELL

OBSERVATION WELL SG-1A

Recovery for

DATE: \_\_\_\_\_

STATIC WATER LEVEL \_\_\_\_\_

SG # 1 A

Down Drill pipe PUMP (ON) (OFF) AT \_\_\_\_\_

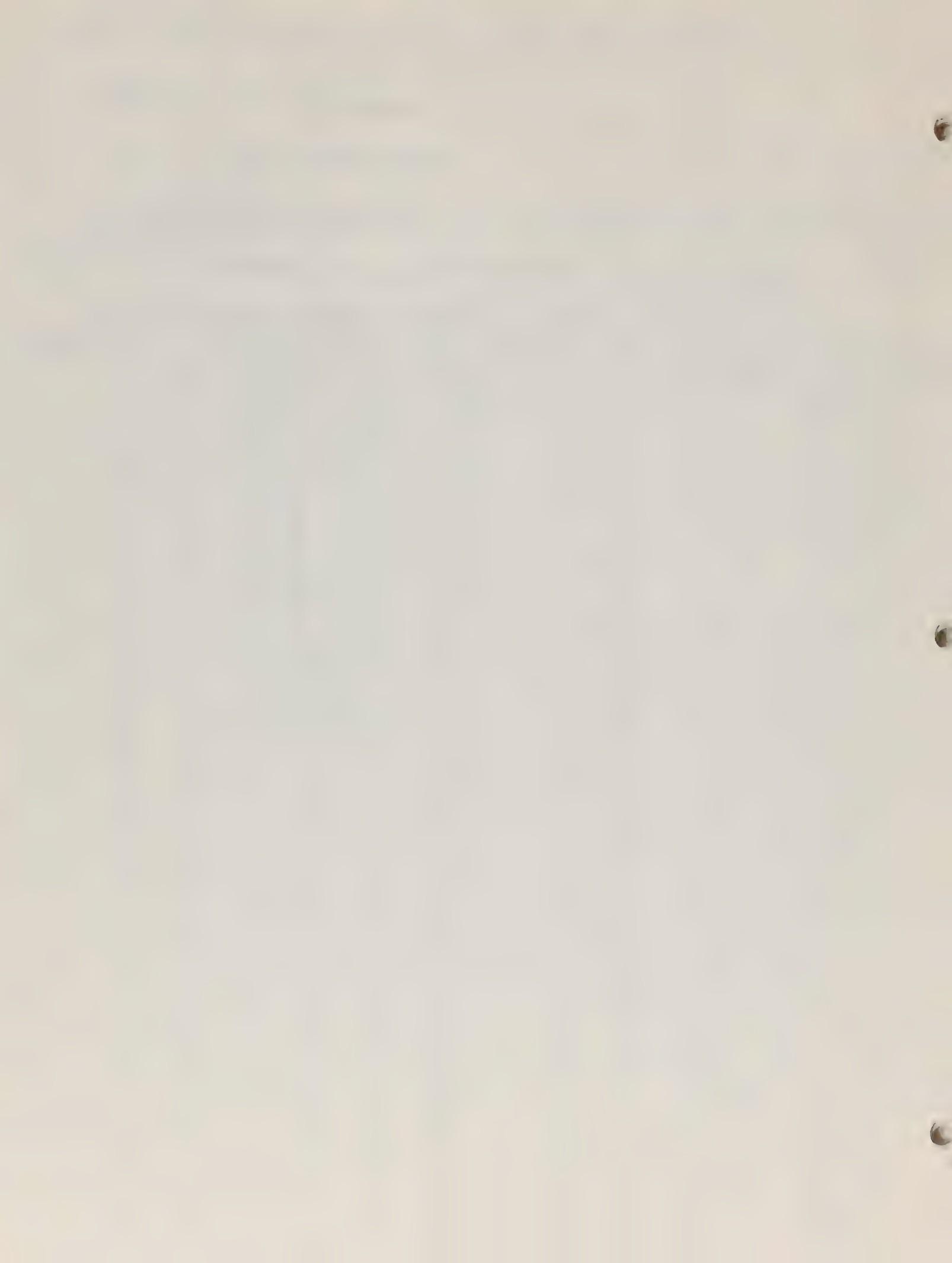
(RECOVERY) TEST

Q.

WATER TEMP. \_\_\_\_\_ CONDUCTIVITY \_\_\_\_\_ SAMPLE TAKEN (YES) (NO) \_\_\_\_\_

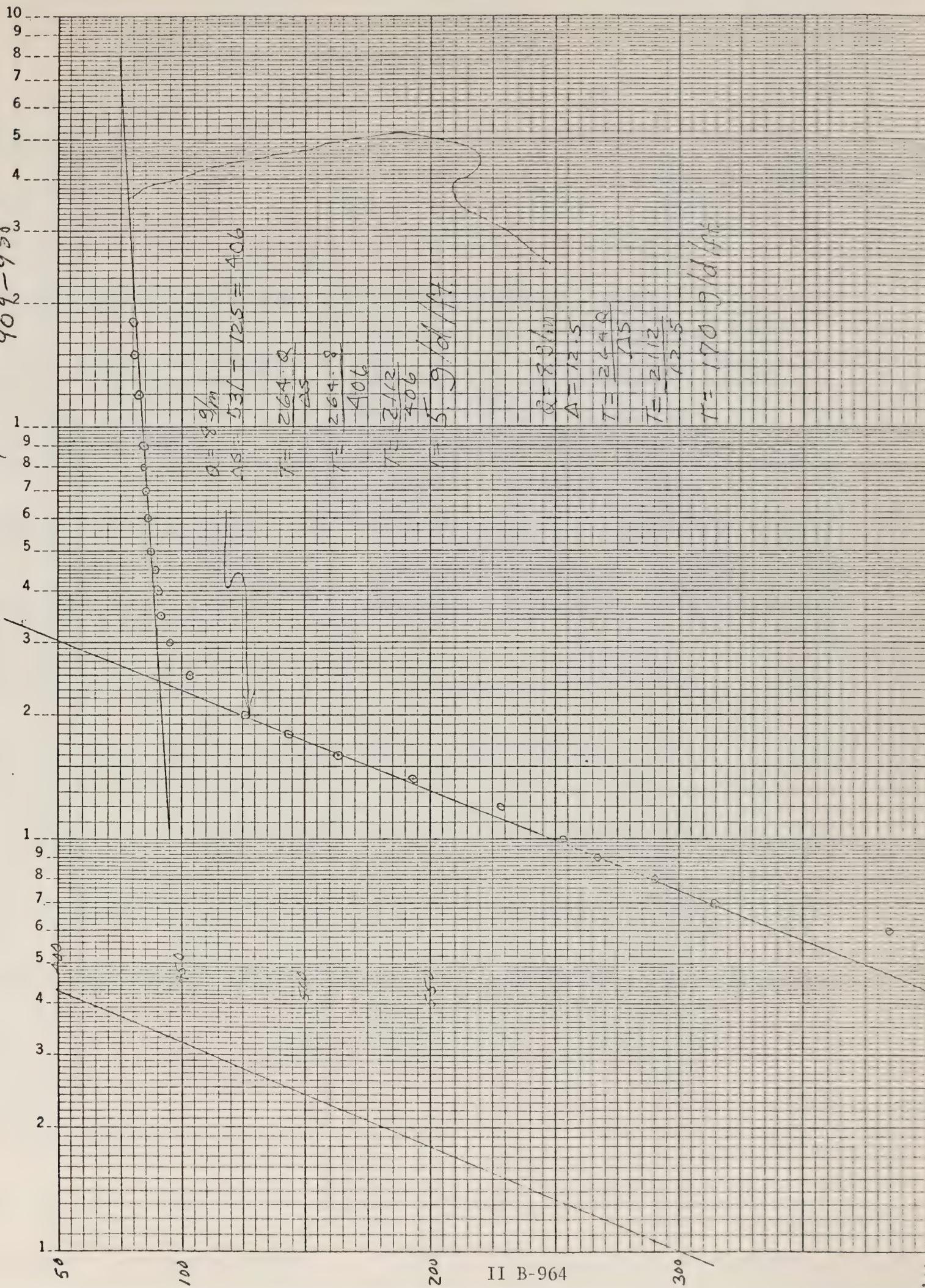
MP = MEASURING POINT MP 4.5 FT. ABOVE G.L. (GROUND LEVEL)

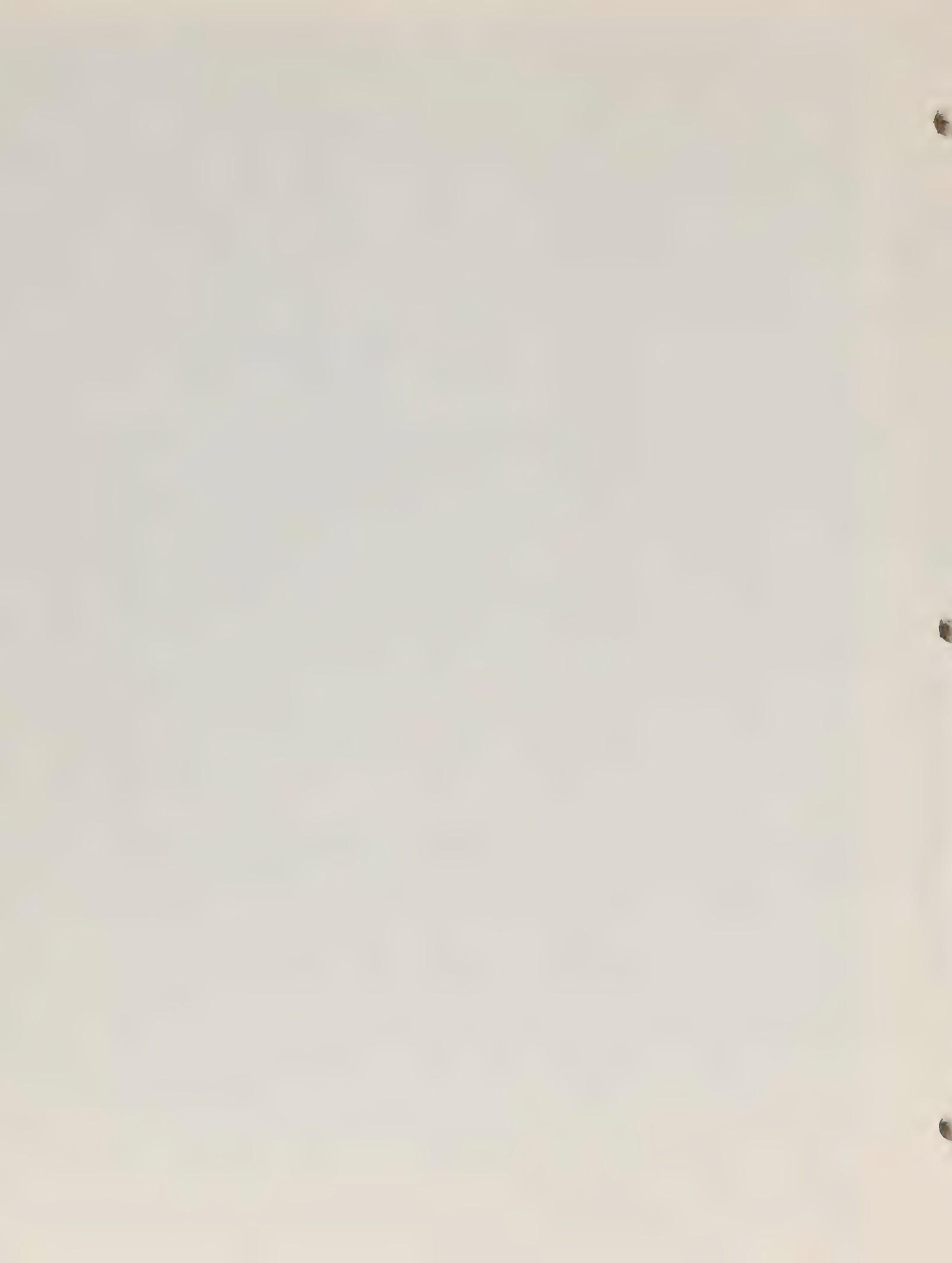
CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE
0					90	83.85	
1					100	83.30	
2					110	82.90	
3					120	82.35	
4					130	81.90	
5					140	81.50	
6	390 - 5.35 = 384.65				150	81.20	
7	320 - 6.10 = 313.90				160	80.50	
8	300 - 9.20 = 290.80				170	80.30	
9	270 - 2.5 = 267.50				180	80.50	
10	260 - 6.75 = 253.25						
12	230 - 1.75 = 228.25						
14	200 - 6.95 = 193.05						
16	170 - 6.66 = 163.34						
18	152 - 7.42 = 142.58						
20	130 - 4.30 = 125.70						
25	110 - 6.63 = 103.37						
30	100 - 4.53 = 95.47						
35	100 - 7.85 = 92.15						
40	89.85						
45	88.55						
50	87.45						
50	86.25						
70	85.30						
80	84.45						



K•Σ SEMI-LOGARITHMIC • 3 CYCLES X 70 DIVISIONS  
KEUFFEL & ESSER CO. MADE IN U.S.A.

Recover 46 5493 56-1 A  
909-9381





SURFACE TIME RECORDED  
MULTI-PERIOD TEST SERIES #2

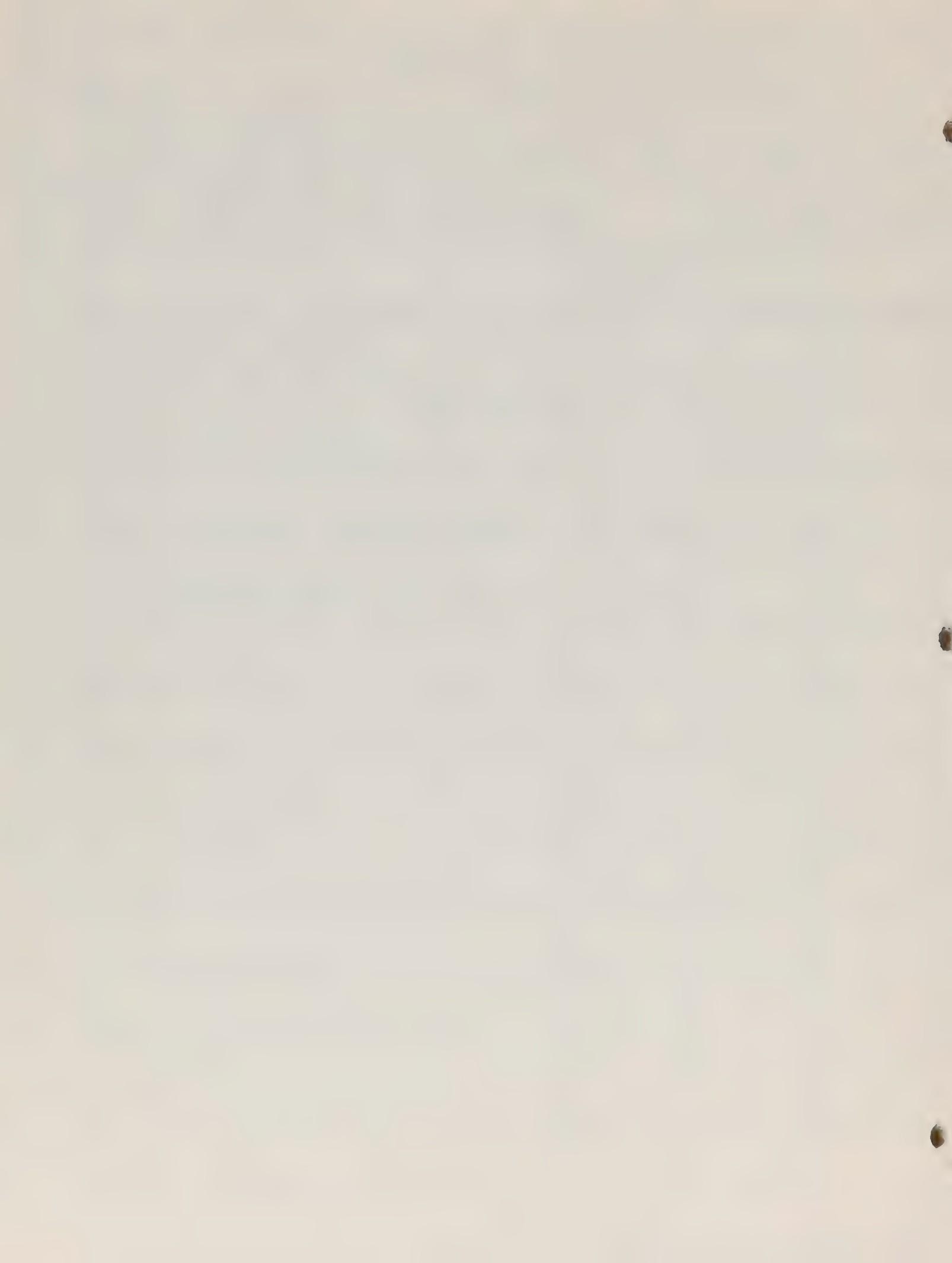
DST #5

56-1 - 56-1A

USE 24-HOUR CLOCK TIME AND RECORD ALL TIMES TO NEAREST MINUTE.  
WITH STEREO SUN QUARTER CLOCK ON LOCATION.

C.C.P. 1-6-75

II B-965



938

## WATER PRODUCTION AND CONDUCTIVITY DATA SHEET

OPERATOR ARC) WELL NAME & NUMBER S 6 - 1A



PUMP TEST DATA SHEET; WELL NO. SG-1

Packus @ 944-968

Draw Down in PUMPED WELL SG-1A      OBSERVATION WELL SG-1

DATE: \_\_\_\_\_

STATIC WATER LEVEL \_\_\_\_\_

PUMP (ON) AT \_\_\_\_\_  
OFF AT \_\_\_\_\_

(DRAWDOWN) (RECOVERY) TEST

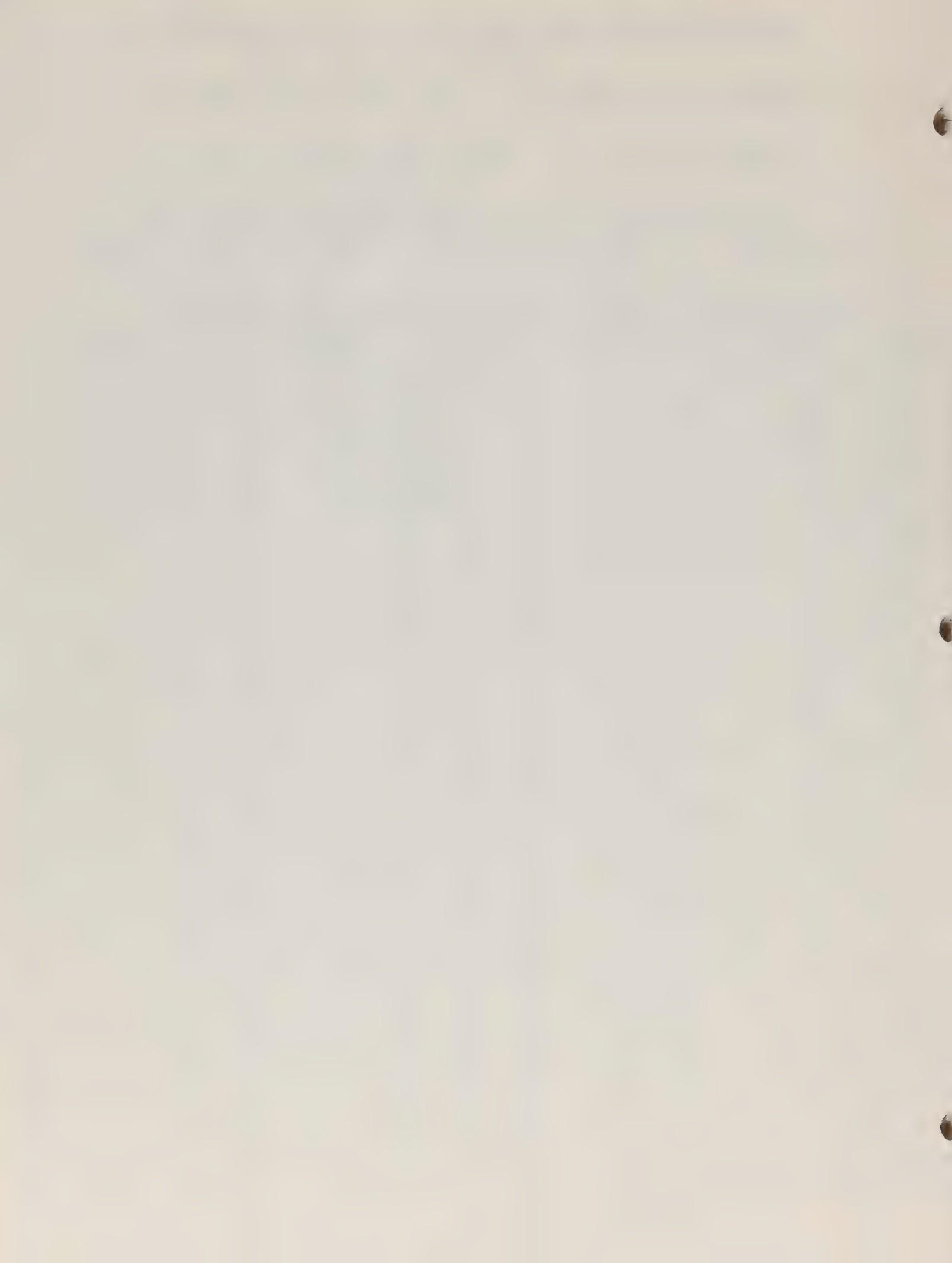
WATER TEMP. \_\_\_\_\_

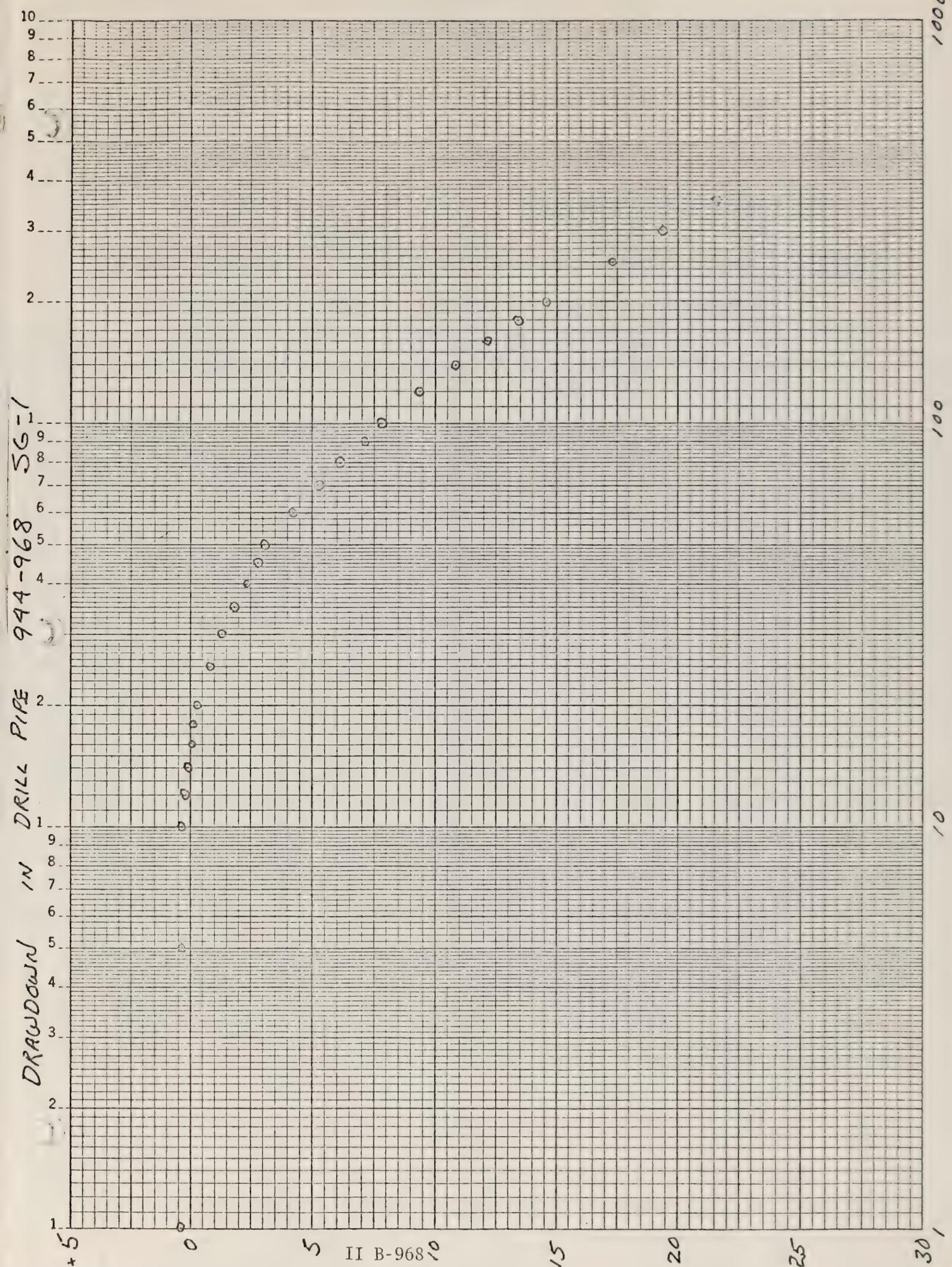
CONDUCTIVITY \_\_\_\_\_

SAMPLE TAKEN (YES) (NO)

MP = MEASURING POINT      MP 0 FT. ABOVE G.L. (GROUND LEVEL)

K	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE
0	0	+ .41			200	14.54	
	5	+ .40			250	17.35	
	10	+ .3			300	19.35	
	12	+ .2			360	21.6	
	14	+ .1					
	16	- .05					
	18	- .20					
	20	- .37					
	25	- .28					
	30	- 1.30					
	35	- 1.80					
	40	2.28					
	45	2.82					
	50	3.03					
	60	4.26					
	70	5.25					
	80	6.12					
	90	7.15					
	100	7.85					
0	120	9.36					
	140	10.8					
	160	12.15					
	180	13.38					







DST #5  
PUMP TEST DATA SHEET ; WELL NO. SG-1

PUMPED WELL SG-1A

OBSERVATION WELL SG-1

DATE: \_\_\_\_\_

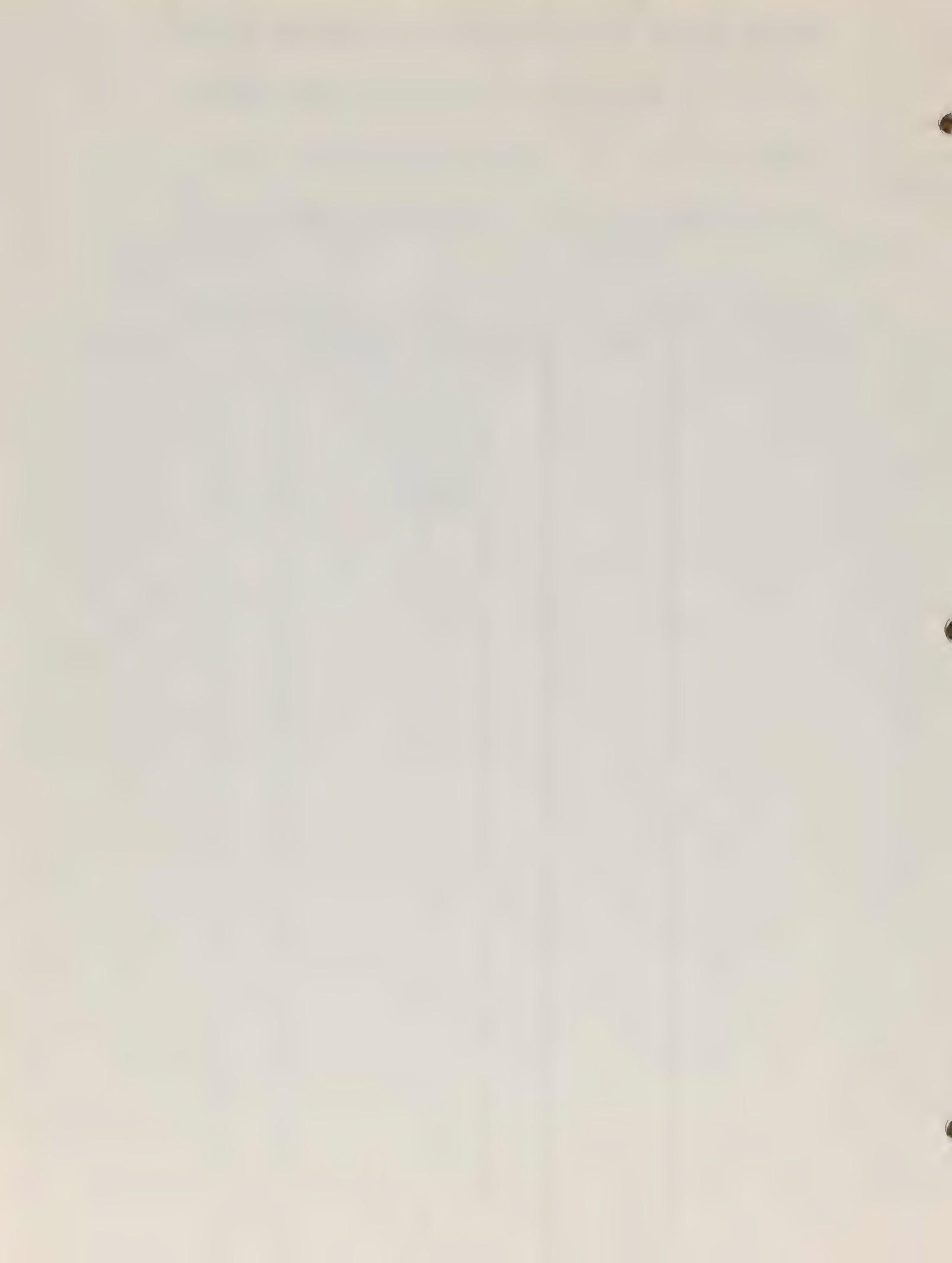
STATIC WATER LEVEL \_\_\_\_\_

PUMP (ON) ~~(OFF)~~ AT \_\_\_\_\_  
 OFF AT \_\_\_\_\_ (DRAWDOWN) (RECOVERY) TEST

WATER TEMP. \_\_\_\_\_ CONDUCTIVITY \_\_\_\_\_ SAMPLE TAKEN (YES) (NO) \_\_\_\_\_

MP = MEASURING POINT MP 0 FT. ABOVE G.L.(GROUND LEVEL)

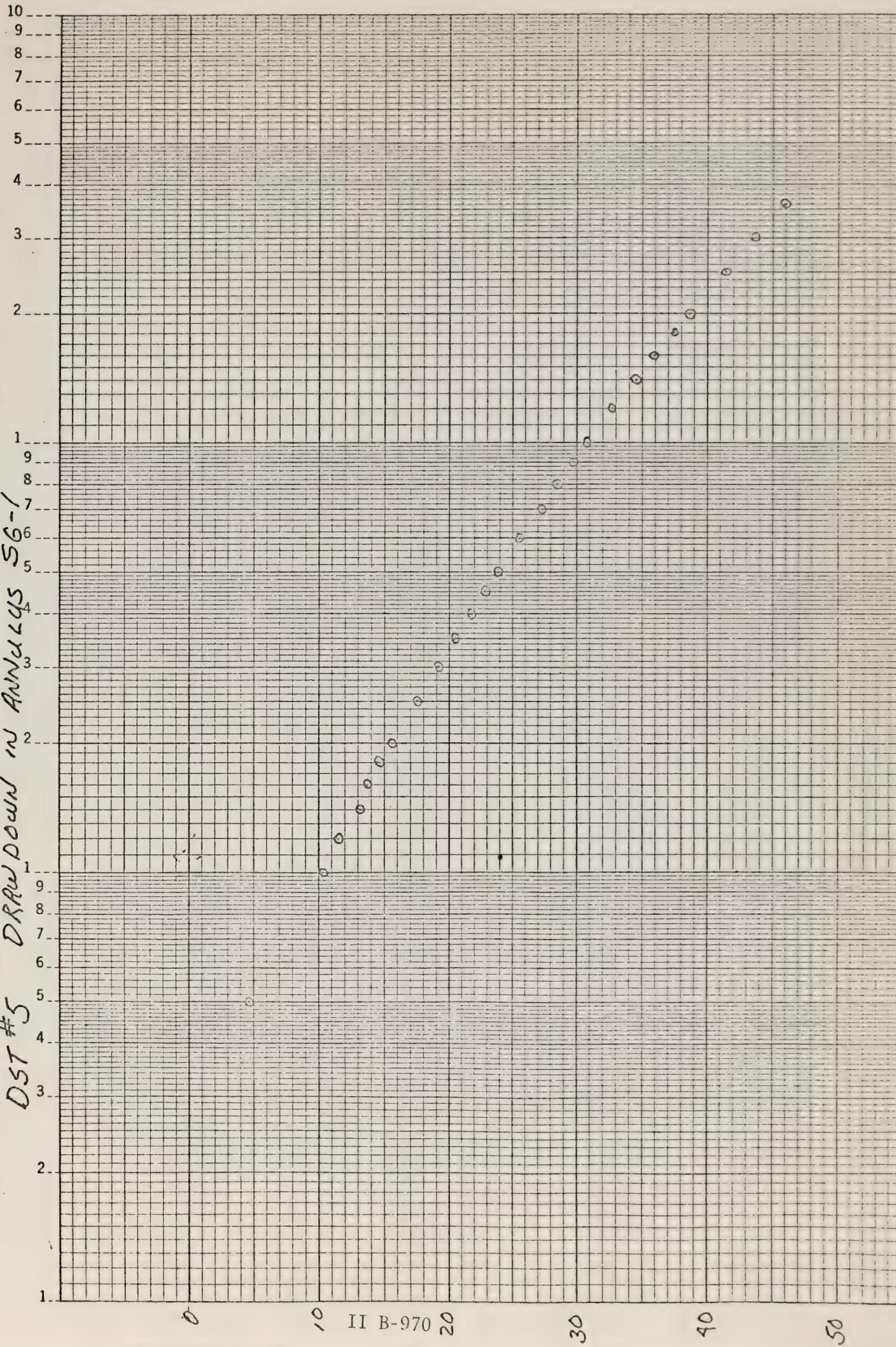
TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE
0				200	38.7	
5	-4.73			250	41.4	
10	-10.3			300	43.7	
12	11.5			360	46	
14	13.05					
16	13.8					
18	14.7					
20	15.6					
25	17.4					
30	19.1					
35	20.6					
40	21.9					
45	22.9					
50	23.4					
60	25.6					
70	27.2					
80	28.5					
90	29.8					
100	30.8					
120	32.7					
140	34.5					
160	35.9					
180	37.4					



K-E SEMI-LOGARITHMIC • 3 CYCLES X 70 DIVISIONS  
KEUFFEL & ESSER CO. MADE IN U.S.A.

46 5493

DST #5 Drawn down in Annex 45 SG-1





MINUTES

100

1000

13

14

15

16

17

18

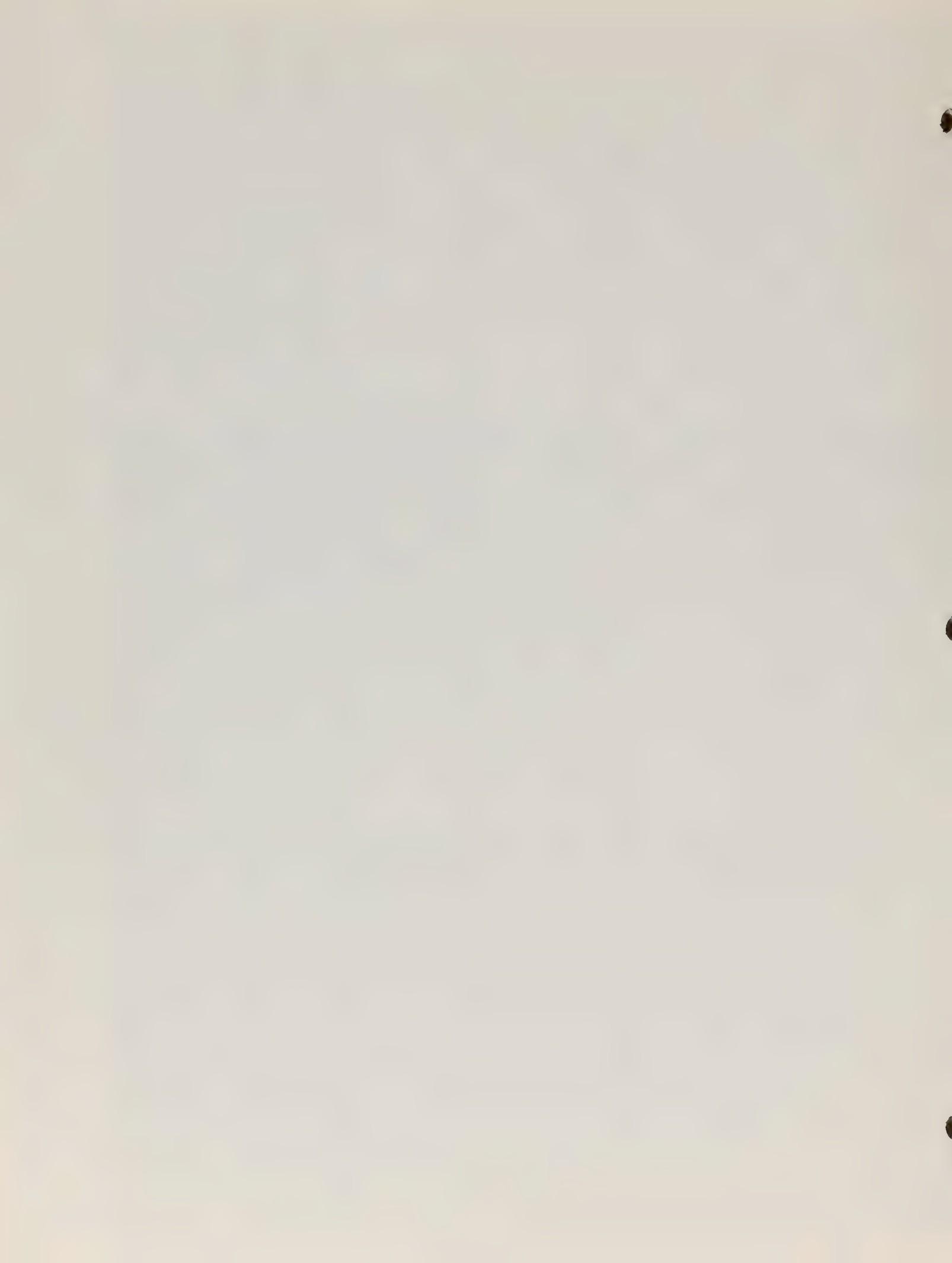
19

20

21

22

II B-971



DST #5  
PUMP TEST DATA SHEET ; WELL NO. SG-1  
 944-968

PUMPED WELL SG-1A      OBSERVATION WELL SG-1

*Locality is  
P. Drill Pipe*  
DATE: \_\_\_\_\_

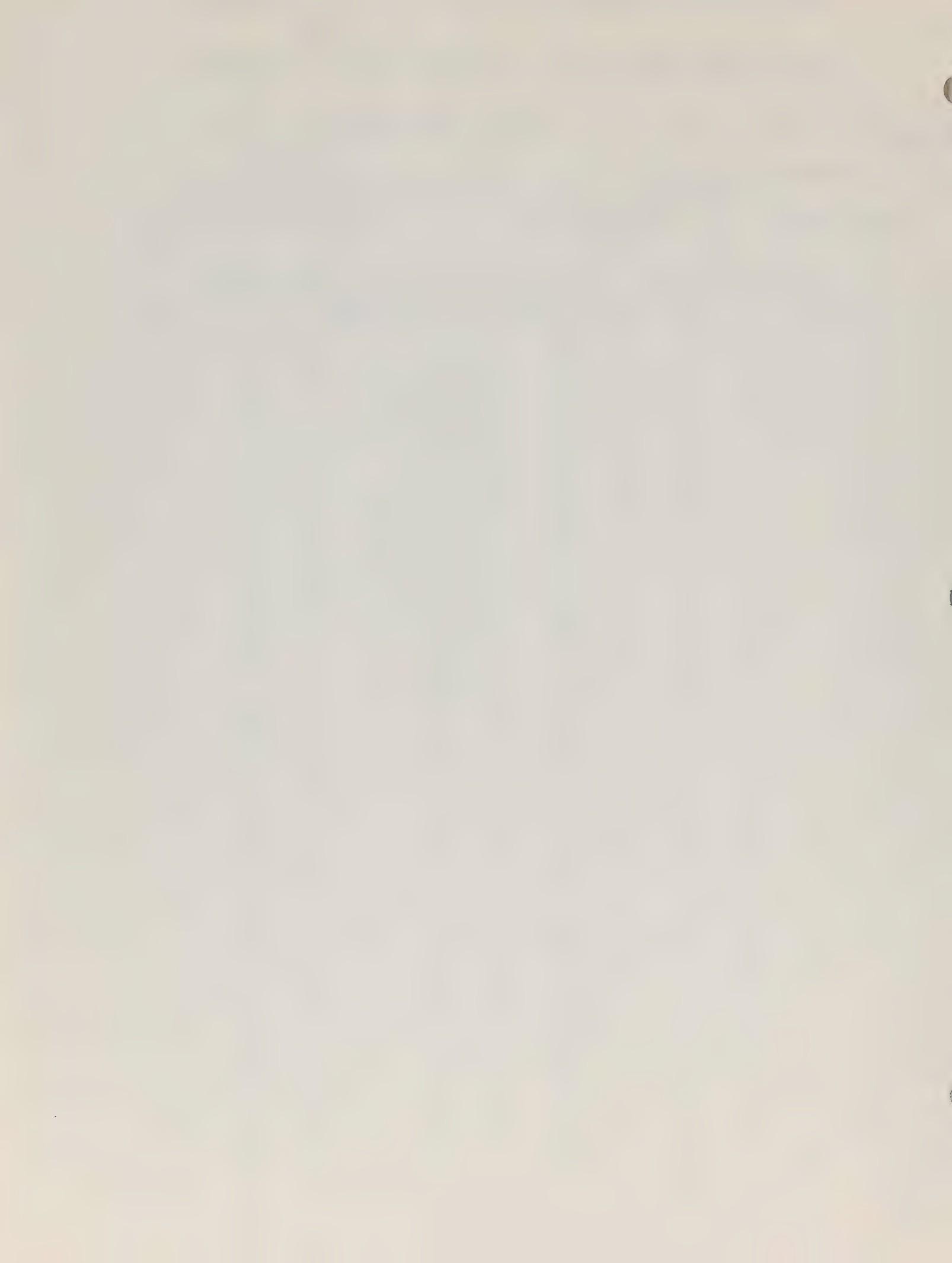
STATIC WATER LEVEL \_\_\_\_\_

PUMP (ON) (OFF) AT \_\_\_\_\_ (DRAWDOWN) (RECOVERY) TEST  
 OFF AT \_\_\_\_\_

WATER TEMP. \_\_\_\_\_ CONDUCTIVITY \_\_\_\_\_ SAMPLE TAKEN (YES) (NO) \_\_\_\_\_

MP = MEASURING POINT      MP \_\_\_\_\_ FT. ABOVE G.L. (GROUND LEVEL)

TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE
0	21.6			90	17.5	
1	21.5			100	16.8	
2	21.5			110	16.2	
3	21.6			120	16	
4	21.6			130	15.8	
5	21.6			140	15.2	
6	21.6			150	14.8	
7	21.6			160	14.5	
8	21.6			170	14.2	
9	21.5			180	13.8	
10	21.45					
12	21.5					
14	21.5					
16	21.5					
18	21.5					
20	21.4					
25	21.2					
30	21					
35	20.7					
40	20.6					
45	19.9					
50	19.8					
60	19.1					
70	19.1					
80	18					



DST # 5  
PUMP TEST DATA SHEET; WELL NO. \_\_\_\_\_

PUMPED WELL SG-1A

OBSERVATION WELL SG-1

DATE: \_\_\_\_\_

STATIC WATER LEVEL \_\_\_\_\_

PUMP (ON) (OFF) AT \_\_\_\_\_ (DRAWDOWN) (RECOVERY) TEST  
 OFF AT \_\_\_\_\_

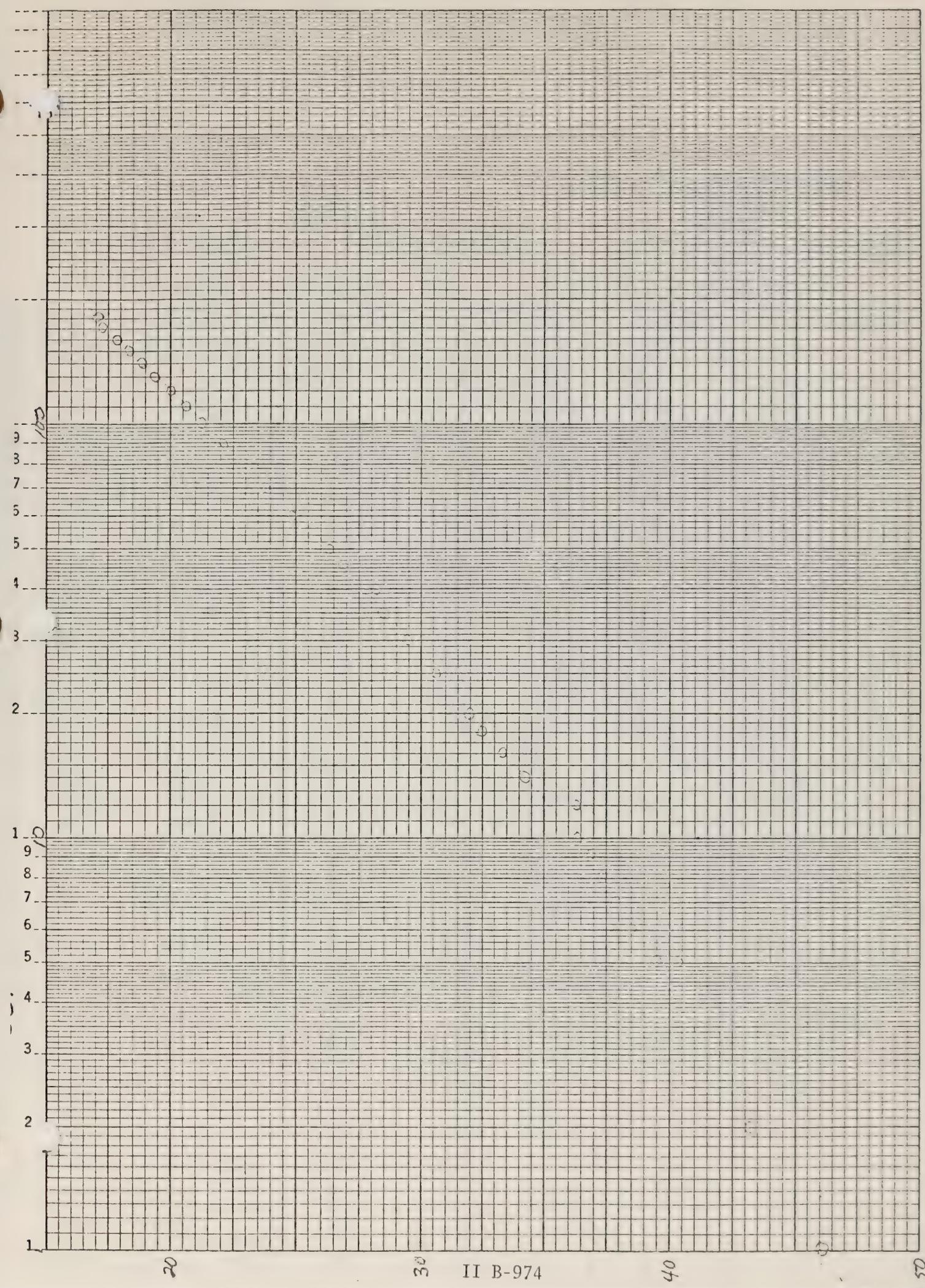
WATER TEMP. \_\_\_\_\_ CONDUCTIVITY \_\_\_\_\_ SAMPLE TAKEN () (NO)

MP = MEASURING POINT MP \_\_\_\_\_ FT. ABOVE G.L. (GROUND LEVEL)

TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE
0	46.			90	22.1	
1	46.1			100	21.3	
2	43.2			110	20.6	
3	41.8			120	20	
4	40.3			130	19.4	
5	39.5			140	18.8	
6	38.5			150	18.3	
7	37.9			160	17.8	
8	37.3			170	17.3	
9	36.8			180	17.1	
10	36.3					
12	36.3					
14	34.2					
16	33.3					
18	32.5					
20	32					
25	30.6					
30	29.5					
35	28.5					
40	28.2					
45	26.9					
50	26.3					
60	24.8					
70	23.8					
80	22.9					



Recovery test in Annulus



II B-974

40

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DST TESTS  
PUMP TEST DATA SHEET; WELL NO. \_\_\_\_\_

RECOVERY IN PUMPED WELL SG-1A OBSERVATION WELL SG-1A

RP.

DATE: \_\_\_\_\_

STATIC WATER LEVEL \_\_\_\_\_

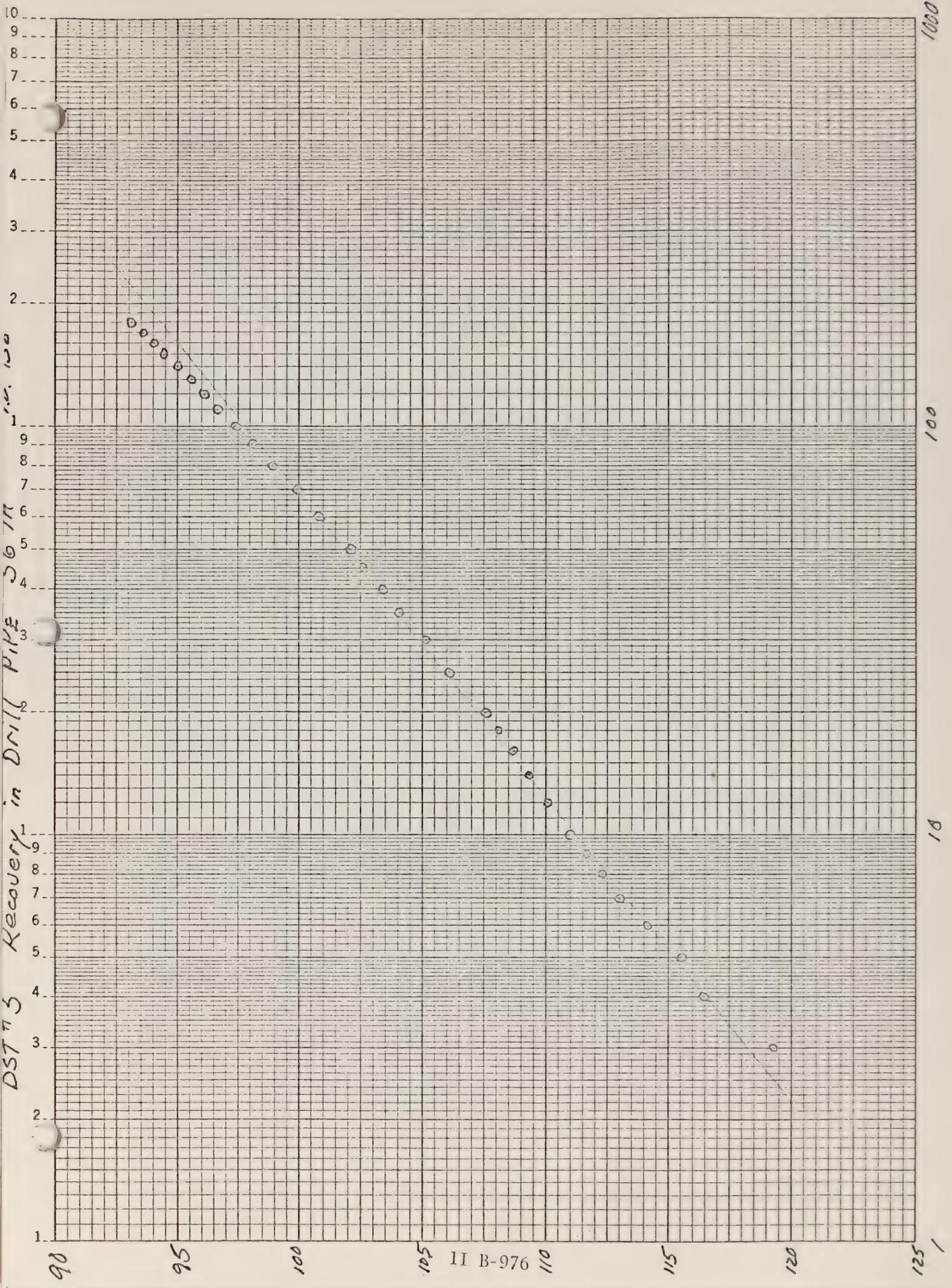
PUMP (ON) (OFF) AT \_\_\_\_\_  
OFF AT \_\_\_\_\_ (DRAWDOWN) (RECOVERY) TEST

WATER TEMP. \_\_\_\_\_ CONDUCTIVITY \_\_\_\_\_ SAMPLE TAKEN (YES) (NO) \_\_\_\_\_

MP = MEASURING POINT MP FT. ABOVE G.L.(GROUND LEVEL)

TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE
0				90	98.1	
1				100	97.4	
2				110	96.7	
3	119.3		4:30	120	96.1	
4	116.5			130	95.6	
5	115.5			140	95.0	
6	114.2			150	94.4	
7	113.0			160	94.0	
8	112.3			170	93.6	
9	111.7			180	93.1	
10	111.					
12	110.1					
14	109.3					
16	108.7					
18	108.1					
20	107.6					
25	106.1					
30	105.2					
35	104.1					
40	103.4					
45	103.7					
50	102.1					
60	100.8					
70	99.9					
80	98.9					





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DST # 6

1-27-75

Date	START	STOP	
1-27-75	0000	0050	Make up tools
"	0050	3:20	Start in hole & set Packers & check
	3:20	<u>1521</u> <del>1521</del>	Start jetting 1A for 12hr.
	1521	18:15	Recovery measurements
	1815	1830	Recovering
	1830		TRIPPING OUT
			SG-1A - TD 969, Packers @ 947'
			SG-1 Packers @ 944-968'

6

6

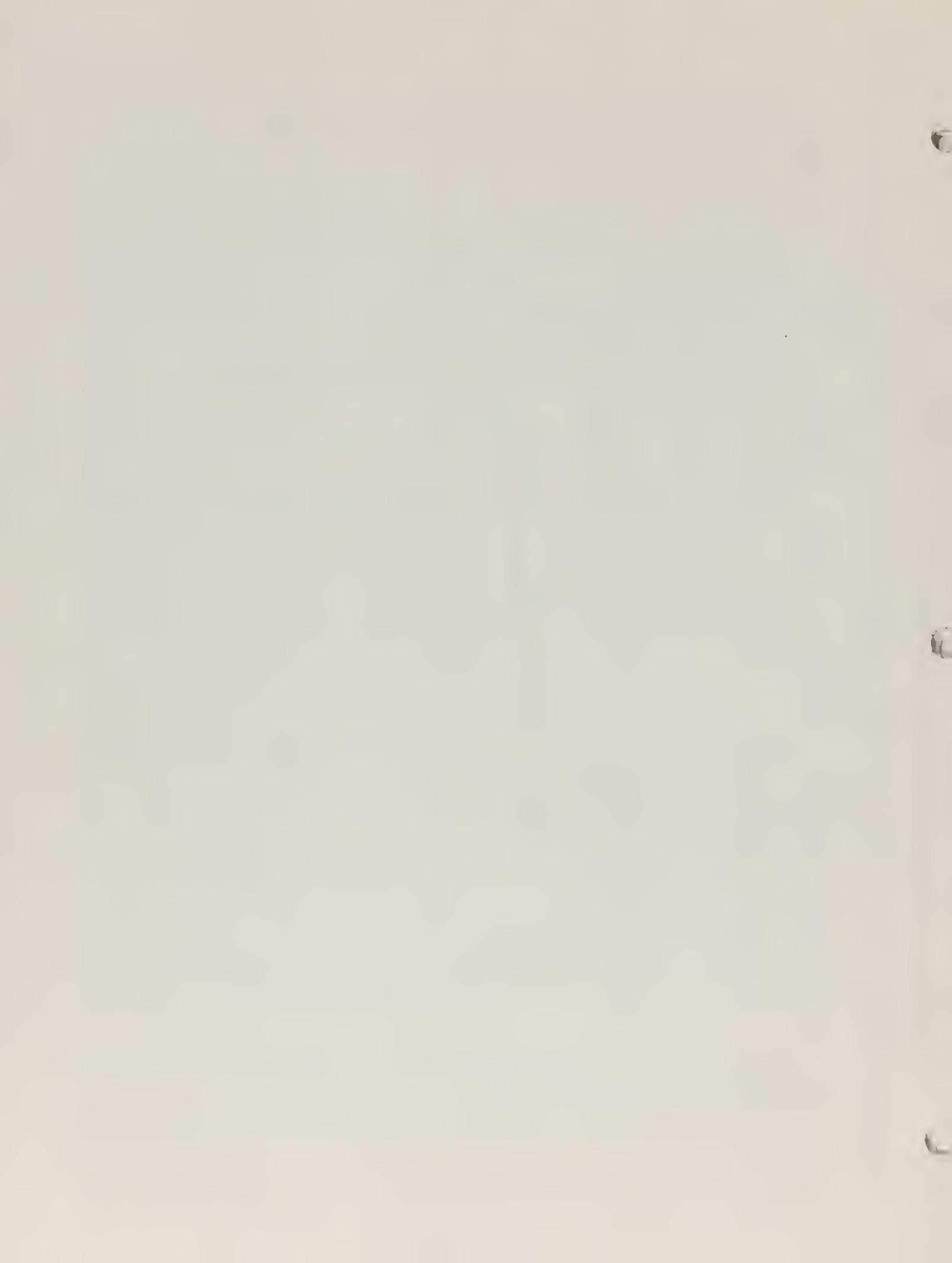
6

DST #6

## WATER PRODUCTION AND CONDUCTIVITY DATA SHEET

OPERATOR ARCO WELL NAME & NUMBER 56-1A LOCATION

DATE	TIME	DEPTH	TEMPERATURE	WATER CONDUCTIVITY MICROMHOS	INJECTED WATER (rate - g/min)	FLUME SIZE	FLUME READING	PRODUCTION RATE (gpm)	REMARKS
1-27	4:15		14.0	1850				10 g/min	
	5:15		15.0	1950				10 g/min	
	6:15		16.0	2100				10 g/min	
	7:15		16.0	2200				10 g/min	
	8:15		16.5	2250				10 g/min	
	9:15		16.5	2250				25 409/5 gal	12
	10:15		16.5	2250					12
	11:35		17	2400	usgs Measurements			10.9	
	15:00		17	2400				24 sec/15 gal	12.5



DST "6

PUMP TEST DATA SHEET; WELL NO. SG-1PUMPED WELL SG-1A

944-9681

OBSERVATION WELL SG-1DATE: 1-27-75

STATIC WATER LEVEL \_\_\_\_\_

PUMP (ON) ~~(OFF)~~ AT 3:20 (DRAWDOWN) (RECOVERY) TEST

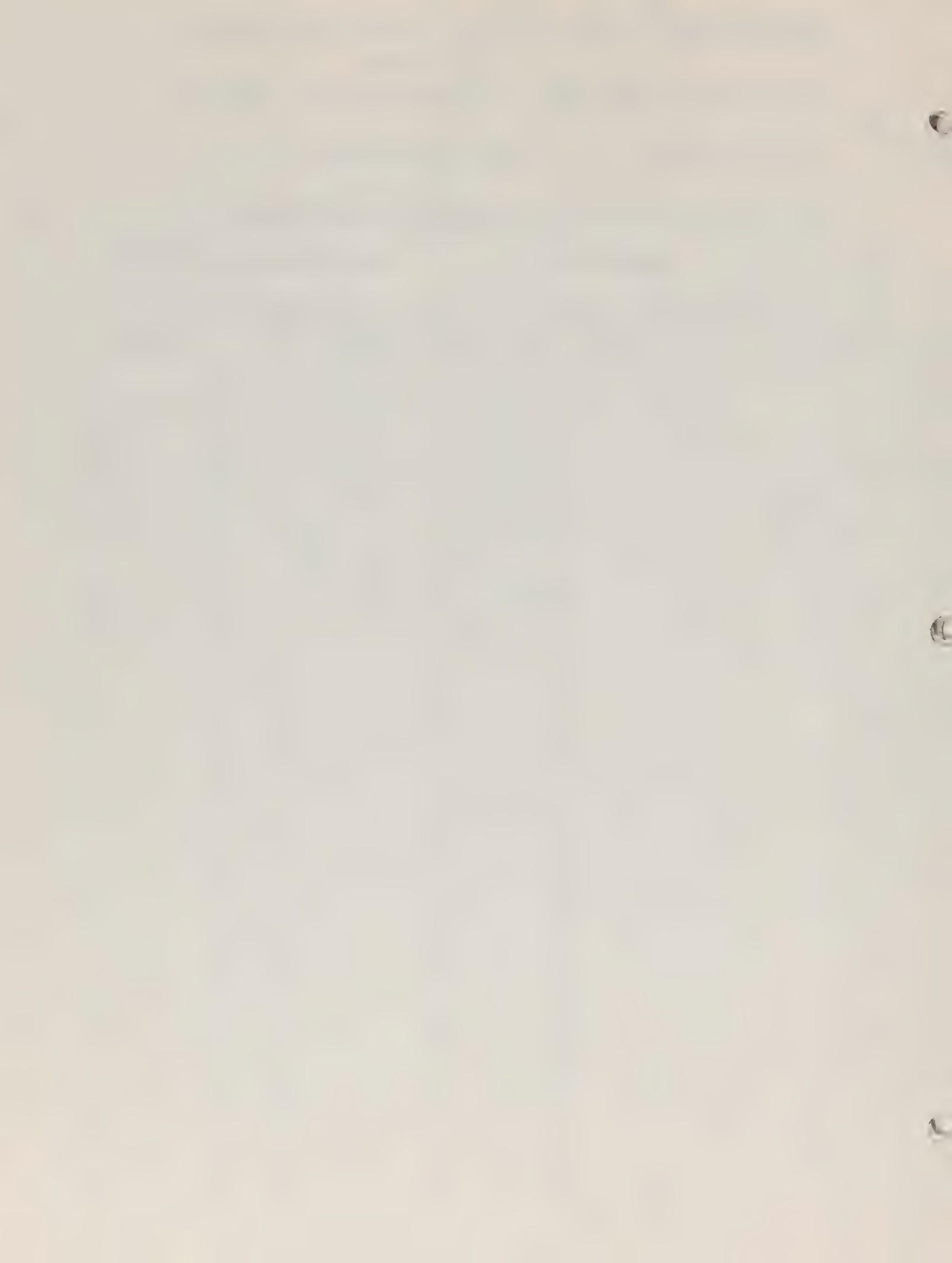
WATER TEMP. \_\_\_\_\_

CONDUCTIVITY \_\_\_\_\_

SAMPLE TAKEN () ( NO)

MP = MEASURING POINT MP FT. ABOVE G.L.(GROUND LEVEL)

TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE
0			8:20	300	15.3	.5
5	-6'		9:10	350	15.25	5 50
10	<del>-6'</del>		10:00	400	15.07	6 40
12	<del>-7'</del> 9.3		10:50	450	14.8	7 .30
14	<del>-9.3</del> -10.1		11:40	500	14.75	8 20
16	-10.75		12:20	600	14.50	10
18	-11.3		1:10	700	14.2	11 40
20	-11.75		1:20	720		
25	-12.6					
30	-13.2					
35	-13.65					
40	-13.9					
45	-14.15					
50	-14.35					
60	-14.60	1				
70	-14.8					
80	-14.93					
90	-15.0					
100	-15.05					
120	-15.08	2				
130	15.15					
160	15.28					
180	15.42	3				
200	15.48	3 20				
250	15.20	9 10				



DST  
PUMP TEST DATA SHEET ; WELL NO. SG-1

PUMPED WELL SG-1A

OBSERVATION WELL SG-1

DATE: \_\_\_\_\_

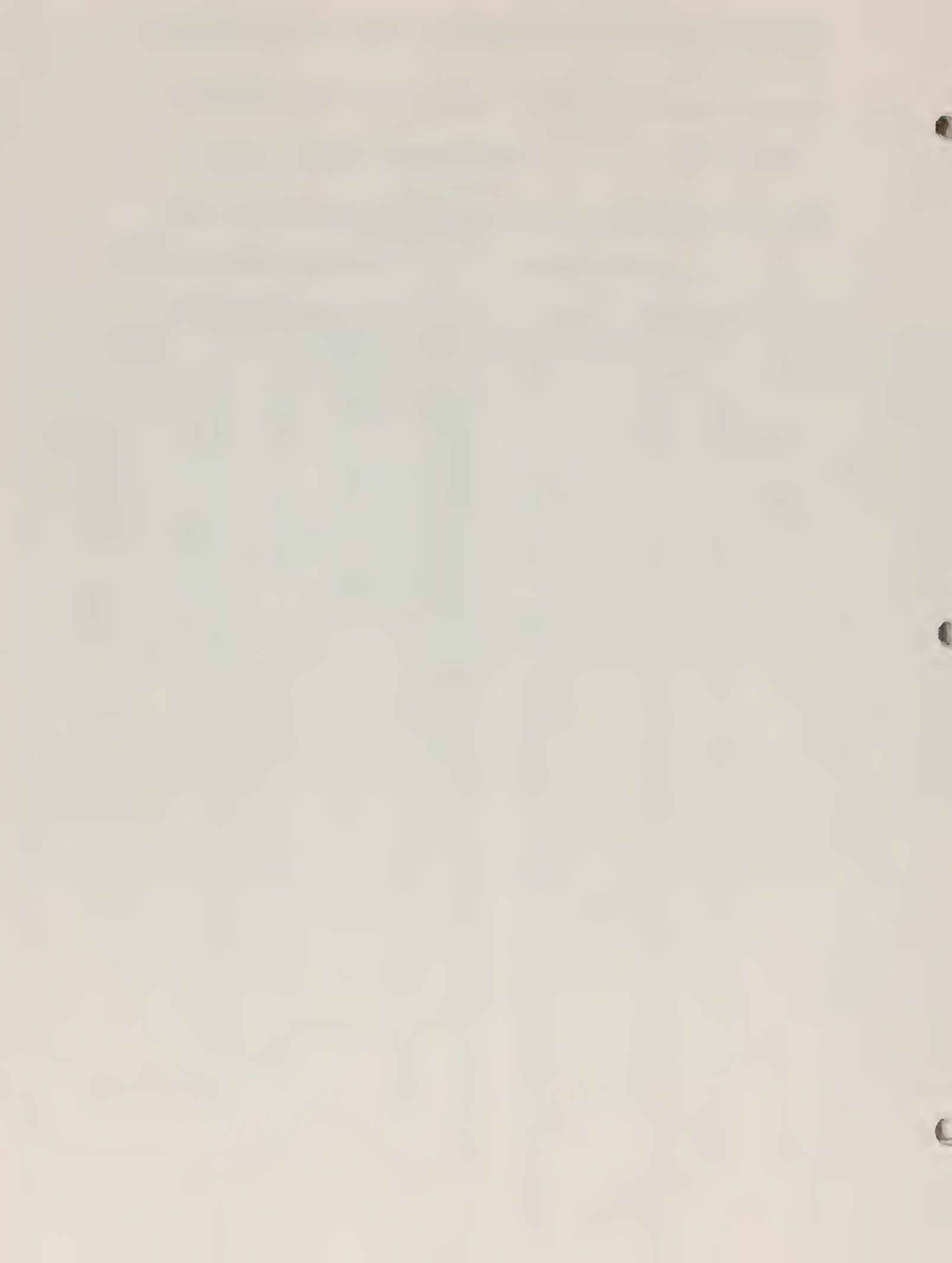
STATIC WATER LEVEL \_\_\_\_\_

PUMP (ON) (OFF) AT \_\_\_\_\_ (DRAWDOWN) (RECOVERY) TEST

WATER TEMP. \_\_\_\_\_ CONDUCTIVITY \_\_\_\_\_ SAMPLE TAKEN (YES) (NO)

MP = MEASURING POINT MP \_\_\_\_\_ FT. ABOVE G.L.(GROUND LEVEL)

TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE
0				300	2.1	5 hr.
5	.0 GOING UP			350	2.45	5 50 min.
10	+ .5			400	2.6	6 40
12	+ .05			450	2.9	7 30
14	+ .05			500	3.15	8 20
16	+ .1			600	3.65	10
18	+ .15			700	4.3	11 40
20	+ .2			800		
25	+ .25			900		
30	+ .28			1000		
35	+ .32			1200		
40	+ .38					
45	+ .40					
50	+ .42					
60	+ .52	1 hr.				
70	+ .60					
80	+ .65					
90	+ .75					
100	+ .82					
120	+ .99	2 hr.				
140	+ 1.1					
160	+ 1.26					
180	+ 1.34	3				
200	+ 1.60	3 20				
250	1.85	4 10				



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11

12 II B-981 14



~~DST #6~~  
PUMP TEST DATA SHEET; WELL NO. 56-1

covery  
IN  
I P.

PUMPED WELL SG-1A      OBSERVATION WELL SG-1

D.P.

DATE: 1-27-75      STATIC WATER LEVEL \_\_\_\_\_

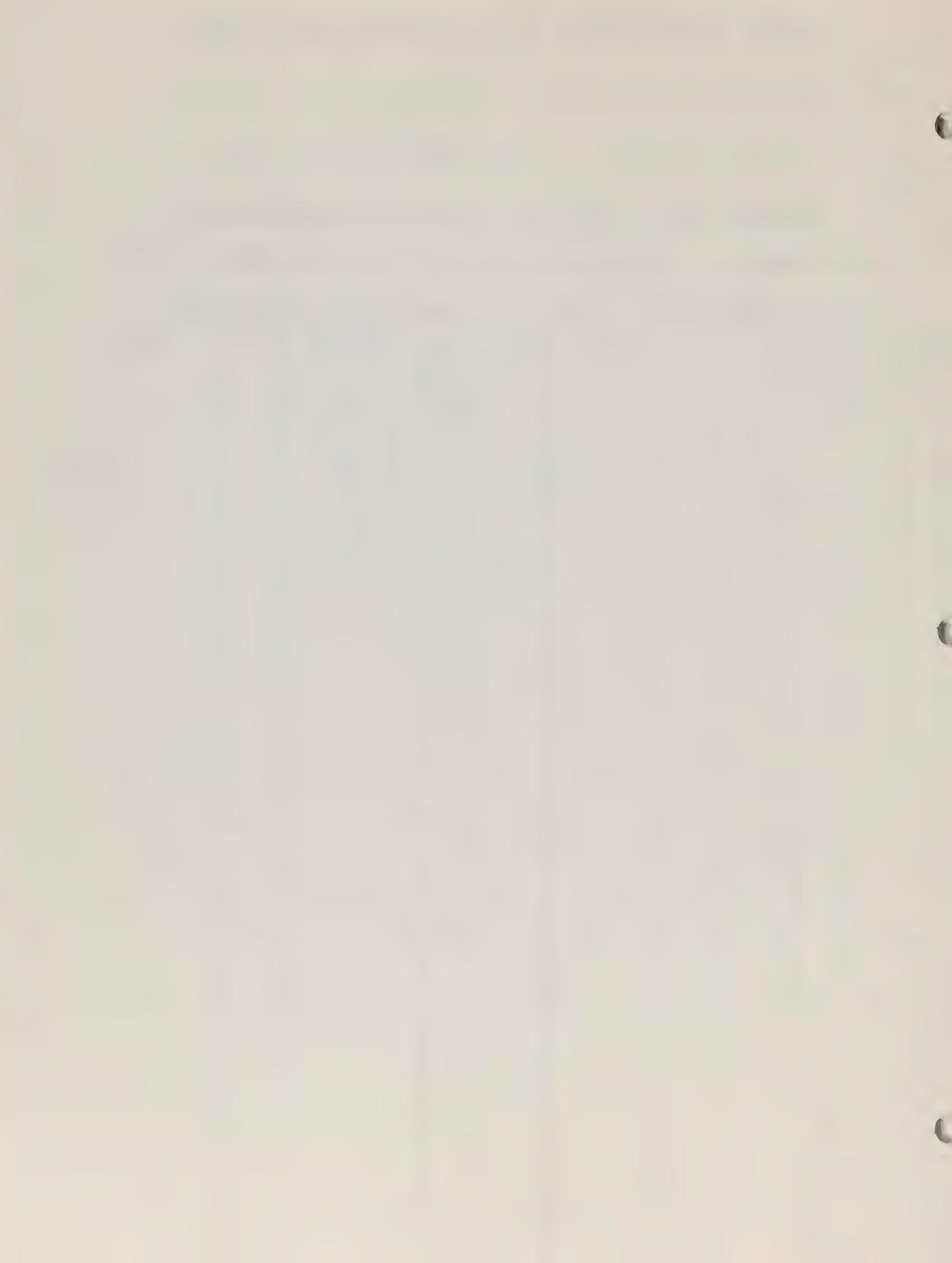
14-968

PUMP (ON) (OFF) AT 1521 (DRAWDOWN) (RECOVERY) TEST

WATER TEMP. \_\_\_\_\_ CONDUCTIVITY \_\_\_\_\_ SAMPLE TAKEN (YES) (NO)

MP = MEASURING POINT      MP \_\_\_\_\_ FT. ABOVE G.L.(GROUND LEVEL)

TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE
0	14.2			90	-1.15	
1				100	1.25	
2				110	1.35	
3	14.55			120	1.55	
4	1			140	1.8	
.5	15.00			170	1.25-2.05	
6				180		
7				200		
8	12.8?			220		
9	13.0			240		
10						
12	9.75					
14	15-7.2					
16	6.15					
18	4.8					
20	3.8					
25	2.6					
30	1.55					
35	1.					
40	.5					
45	.2					
50	-.05					
60	-.5					
70	-7					
80	-1.0					



DST #6  
PUMP TEST DATA SHEET ; WELL NO.

PUMPED WELL SG-1A

OBSERVATION WELL SG-1

ANNUAL USE

DATE: \_\_\_\_\_

STATIC WATER LEVEL \_\_\_\_\_

PUMP (ON) (OFF) AT \_\_\_\_\_

(~~DETERMINATION~~) (RECOVERY) TEST

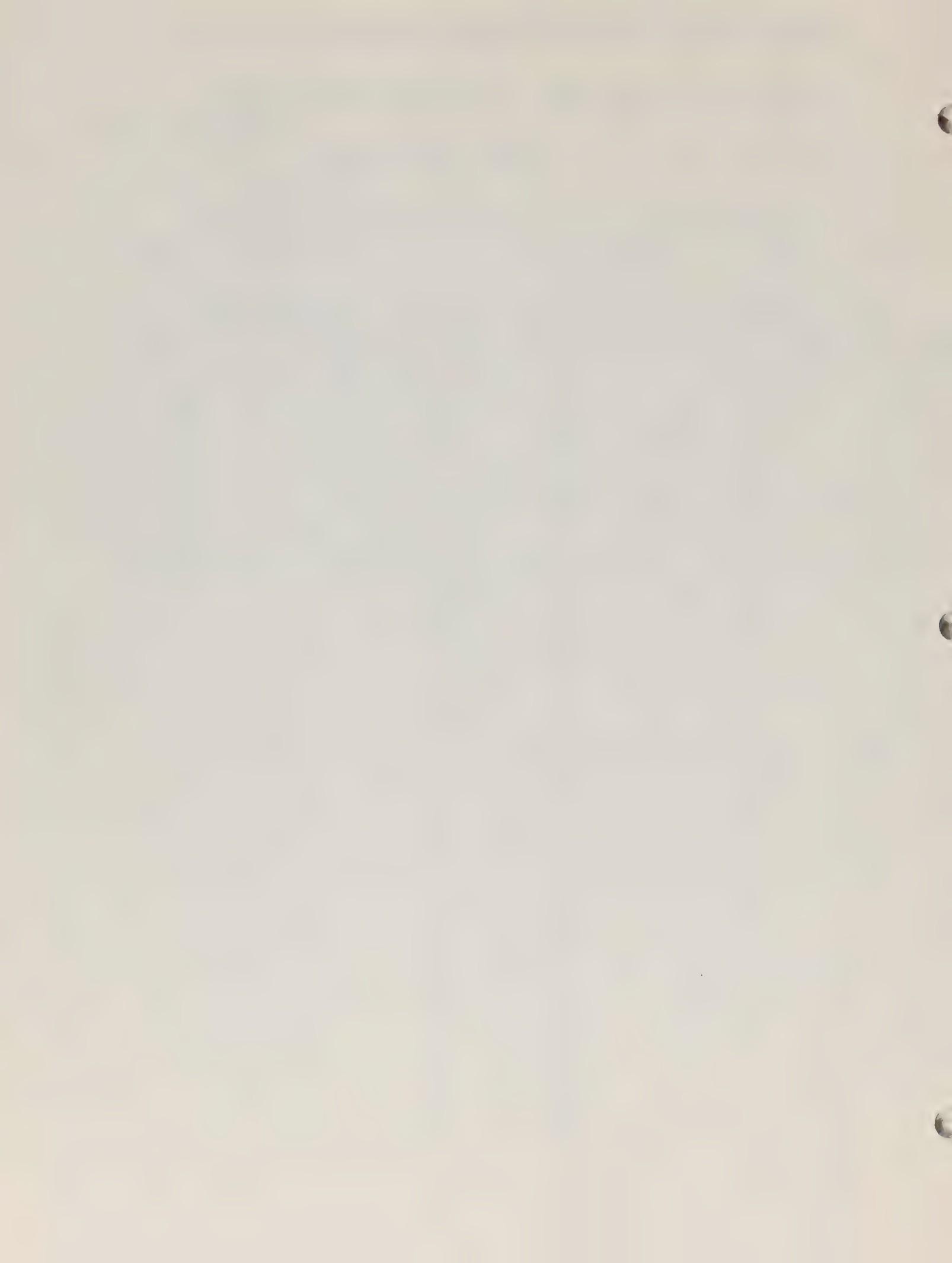
WATER TEMP. \_\_\_\_\_

CONDUCTIVITY \_\_\_\_\_

SAMPLE TAKEN (YES) (NO)

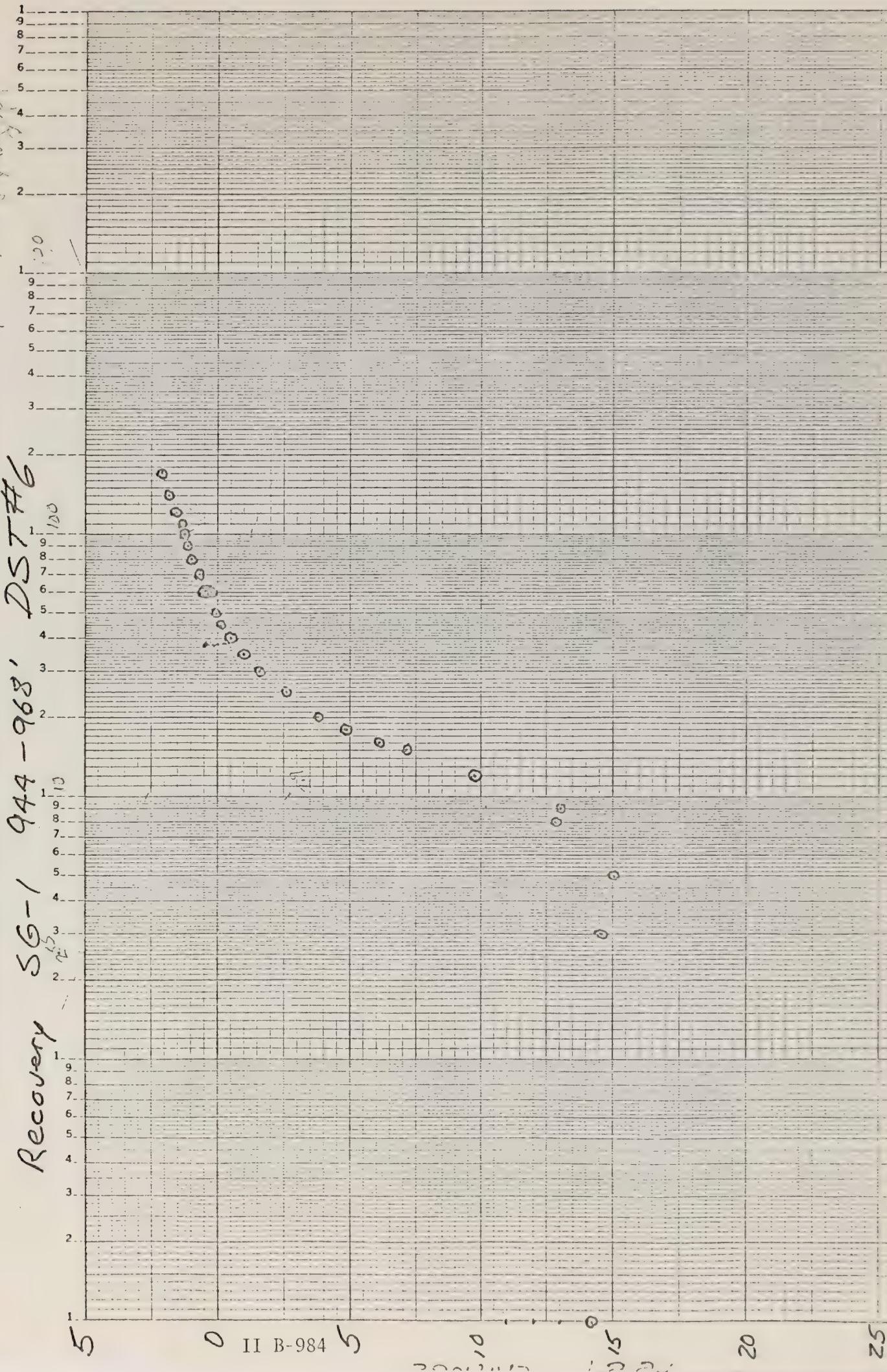
MP = MEASURING POINT MP FT. ABOVE G.L.(GROUND LEVEL)

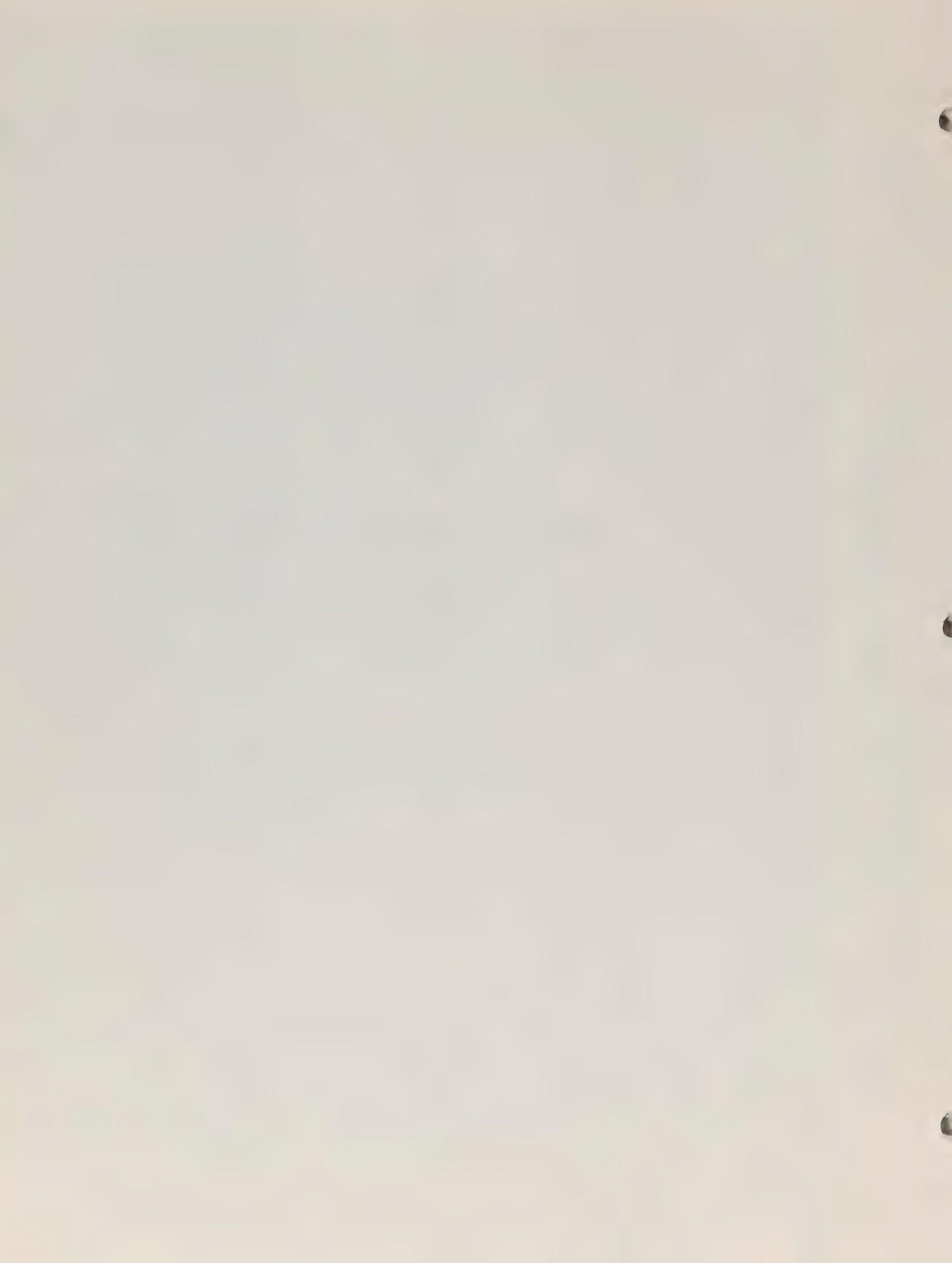
TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE
0				90	4.9	810
1			Time since start of Test	100	4.9	820
2				110	4.93	830
3	4.4	<del>1100</del> 3723		120	4.96	840
4				140	5.15	860
5	4.35	<del>1100</del> 25717 <sup>2</sup> 17 <sup>1</sup>		160	5.25	890
6				180		
7				200		
8				220		
9				240		
10	4.3	<del>1100</del> 730				
12						
14						
16	4.3	<del>1100</del> 736				
18						
20						
25	4.45		7:5			
30	4.5		7:50			
35	4.5		7:55			
40	4.75		7:60			
45	4.6		7:65			
50	4.6		7:70			
60	4.7		7:80			
70	4.7		7:90			
80	4.75		8:00			

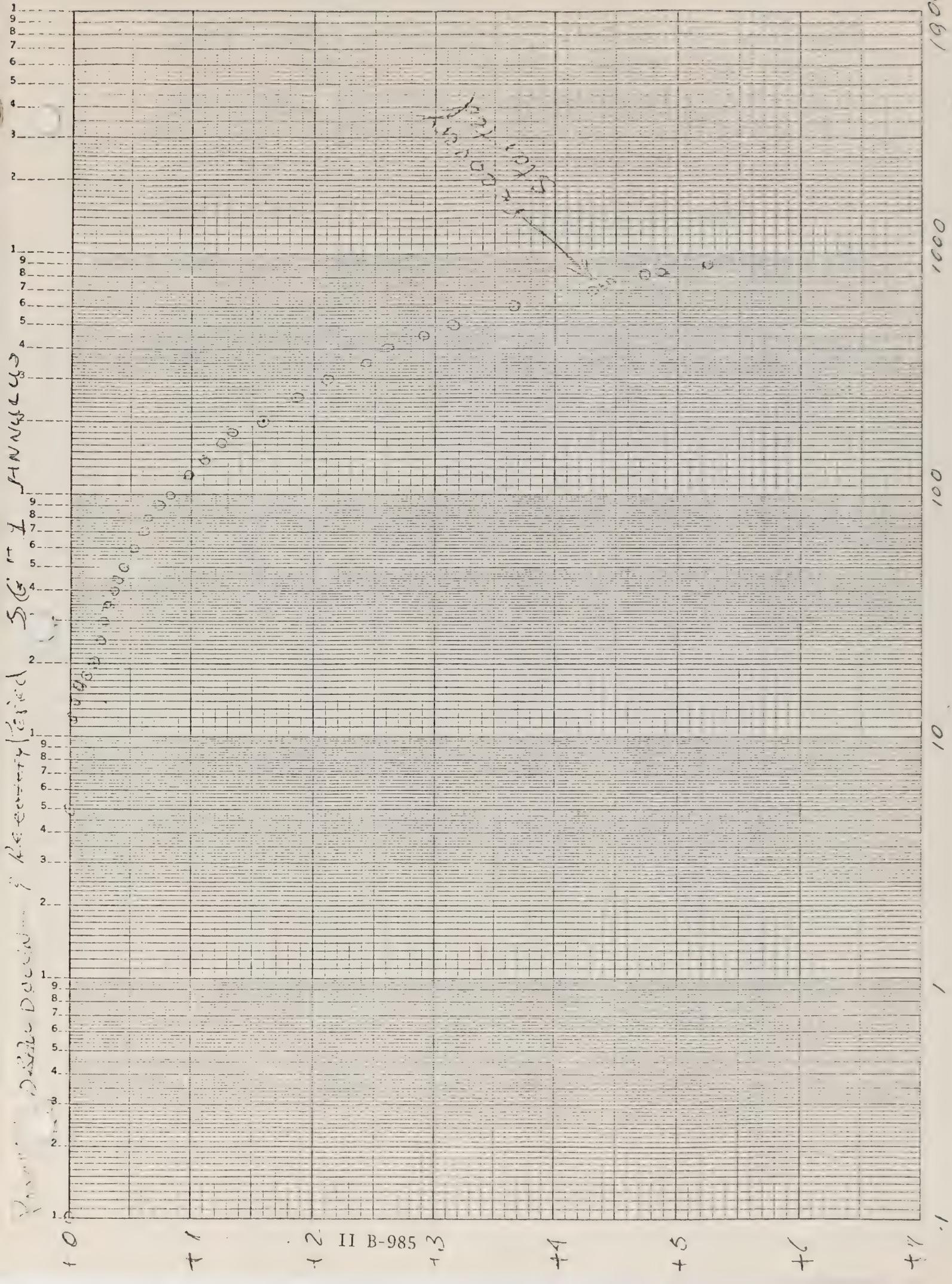


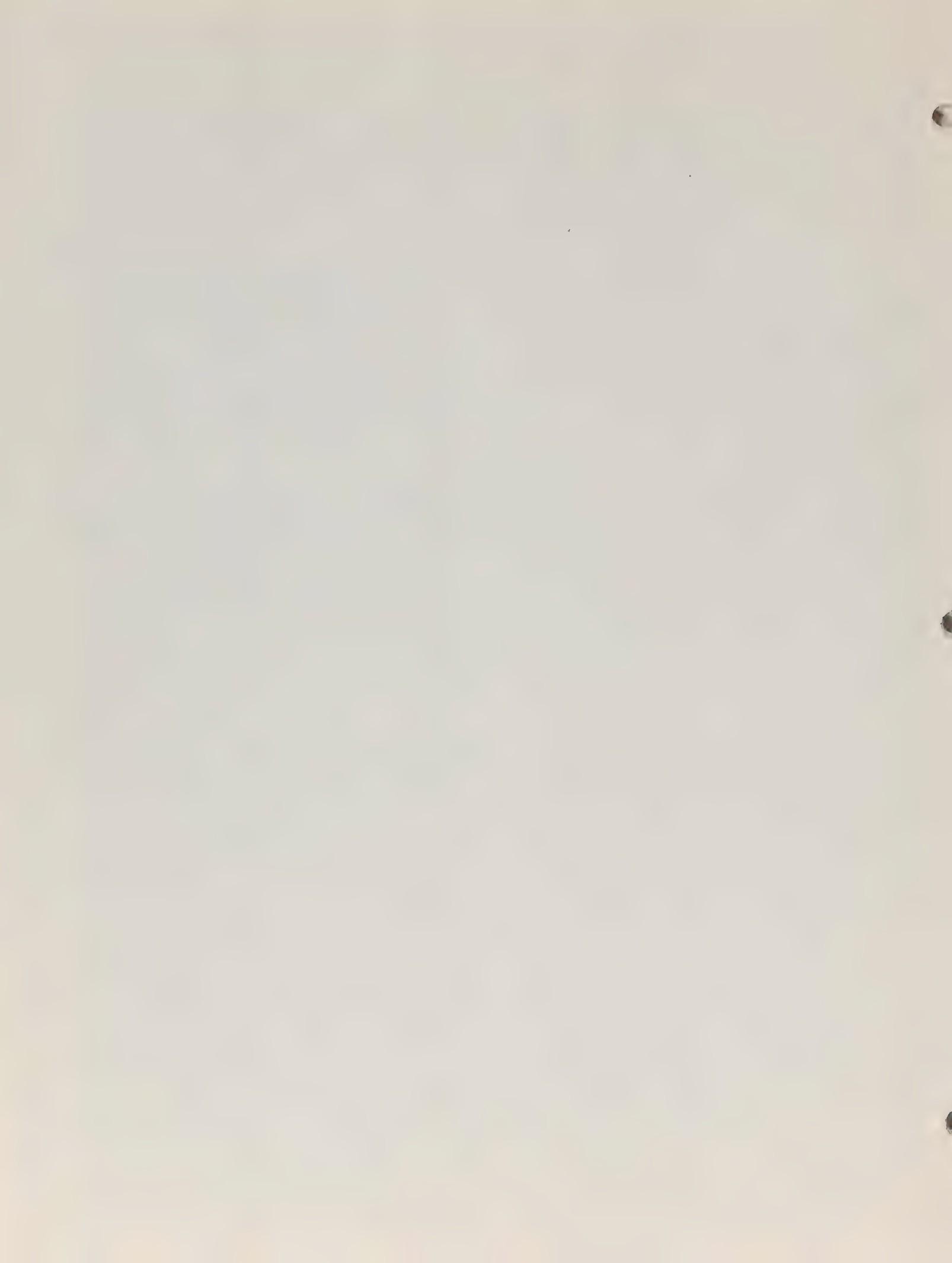
KOE SEMI-LOGARITHMIC 5 CYCLES X 70 DIVISIONS  
KEUFFEL & ESSER CO. MADE IN U.S.A.

46 6212









DST #6

PUMP TEST DATA SHEET; WELL NO. SG-1APUMPED WELL SG-1APacker @ 947' TD 969'  
OBSERVATION WELL SG-1A  
ANNUCLUS

DATE: \_\_\_\_\_

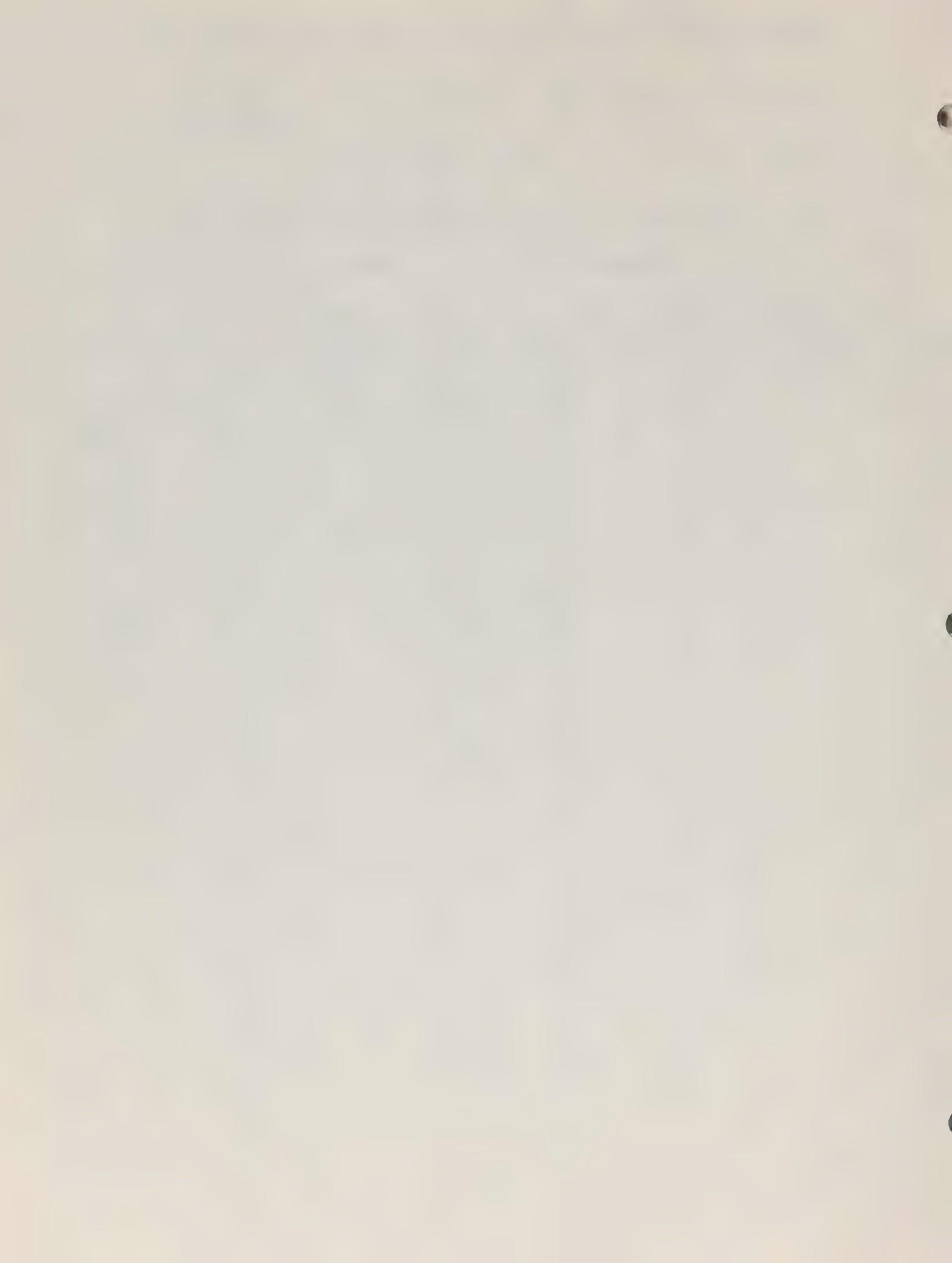
STATIC WATER LEVEL \_\_\_\_\_

PUMP (ON) (OFF) AT \_\_\_\_\_ (DRAWDOWN) (RECOVERY) TEST

WATER TEMP. \_\_\_\_\_ CONDUCTIVITY \_\_\_\_\_ SAMPLE TAKEN (YES) (NO)

MP = MEASURING POINT MP FT. ABOVE G.L. (GROUND LEVEL)

TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE
0			820	300	+1.97	5 hr.
5			910	350	+2.75	5 50 min
10			1000	400	+3.0	6 40
12			1050	450	+3.3	7 30
14			1140	500	3 55	8 20
16			1320	600	4.1	10
19			1600	700	4.5	11 40
20			1620	720		
25	+.23			900		
30	+.23			1000		
35	+.3			1200		
40	+.34					
45	+.40					
50	+.44					
60	+.56		1 hr.			
70	+.67					
80	+.75					
90	+.84					
100	+.91					
120	+1.03		2 hr.			
130	+1.2					
160	+1.39					
180	+1.46	3				
200	+1.58	3 20				
250	+1.95	A 10				



DST #6  
PUMP TEST DATA SHEET; WELL NO. 56-1A

PUMPED WELL 56-1A D.P. OBSERVATION WELL 56-1A

DATE: 1-27-25

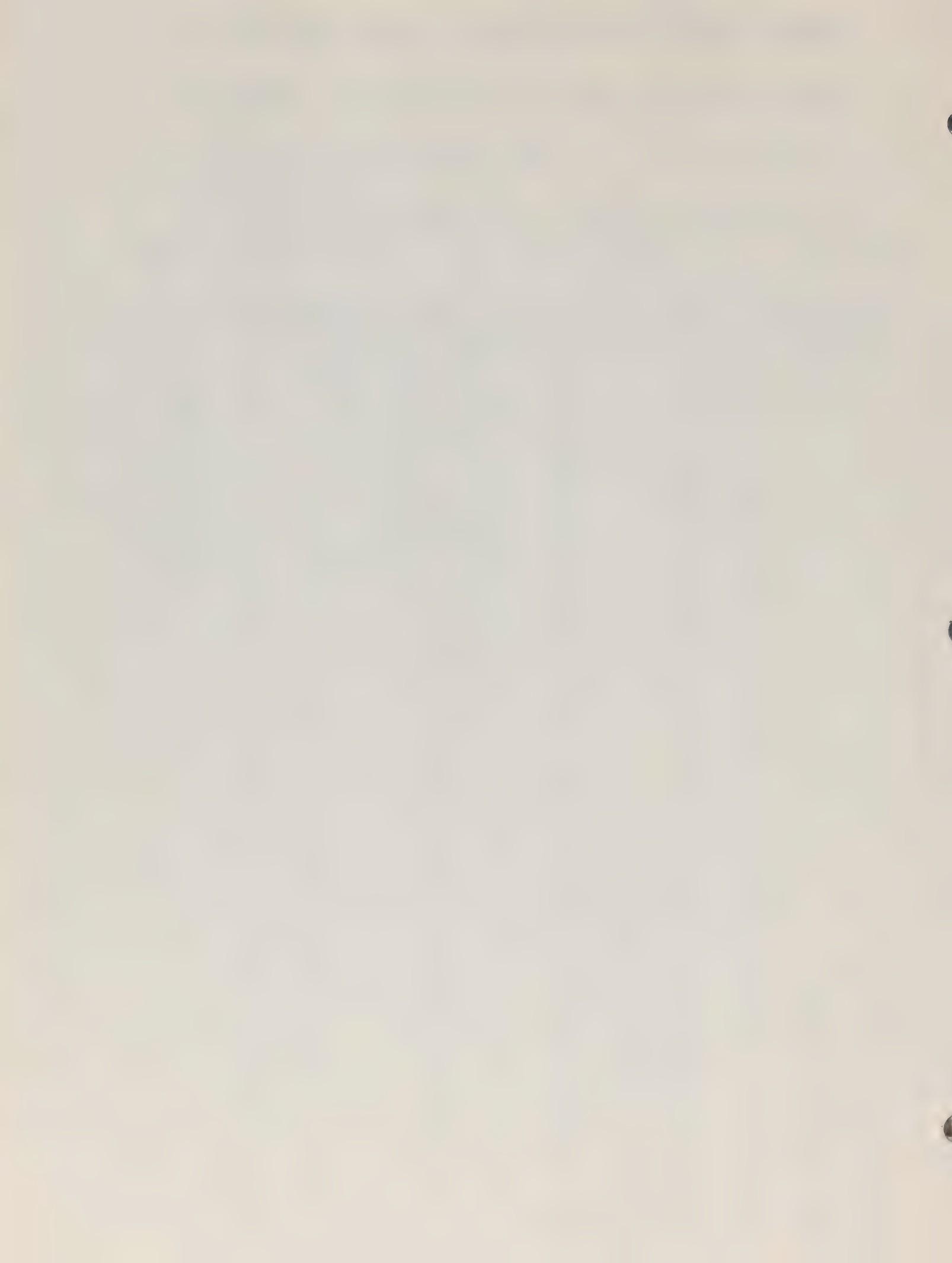
STATIC WATER LEVEL 1A  
ANNUAL

PUMP (~~ON~~) (OFF) AT 15:21 (~~DOWN~~) (RECOVERY) TEST

WATER TEMP. \_\_\_\_\_ CONDUCTIVITY \_\_\_\_\_ SAMPLE TAKEN (YES) (NO)

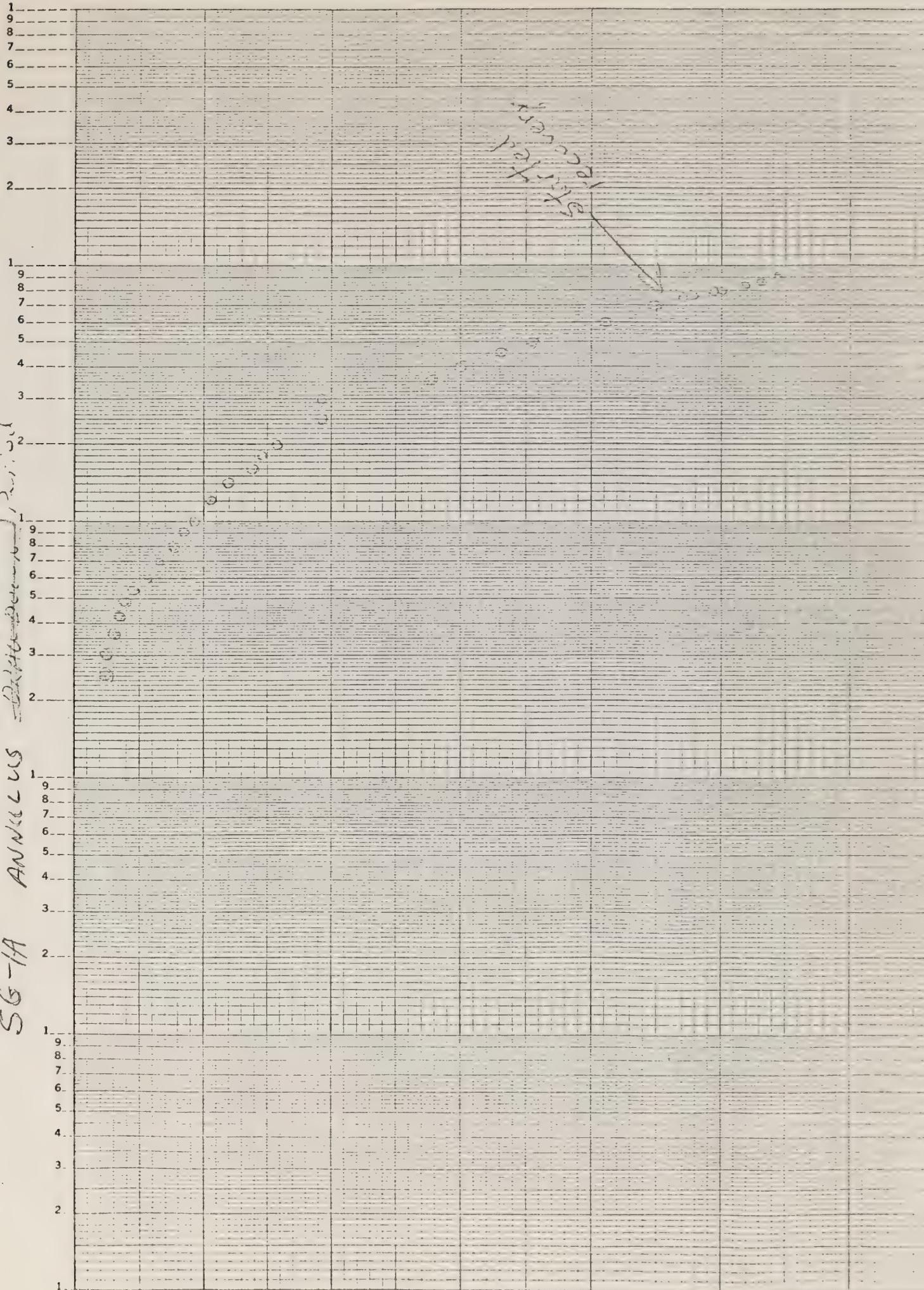
MP = MEASURING POINT MP \_\_\_\_\_ FT. ABOVE G.L. (GROUND LEVEL)

TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE
0				90	5.05	810
1				100	4.1	820
2				110	5.15	830
3				120	5.2	840
4				140	5.3	860
5			178	EE	5.43	890
6				180		
7				200		
8				220		
9				240		
10						
12						
14						
16			MIN.			
18			Since start of test			
20		740				
25	4.7	745				
30	4.75	750				
35	4.75	755				
40	4.78	760				
45	4.81	765				
50	4.85	770				
60	4.9	780				
70	4.95	790				
80	5.0	800				



**K·E** SEMILOGARITHMIC 5 CYCLES X 70 DIVISIONS  
KEUFFEL & ESSER CO. MADE IN U.S.A.

SG-1A ANNE C US (Kite-shaped) 2000000  
Recorded 46 6212





## DST # 7

SG-1A : 968-1001

SG-1 : 968 - 1002

Date	Start	Stop	
1-27-75			LINES GAGES TOP PACKER 968' Top 963' middle 998' Bottom 1007' Bottom Packer 1002'
"			SPIREY SUN GAGES Top 958' Middle 993' Bottom 1012'
1-27-75 TO 1-28-75	2130	0050	TRIP IN HOLE SET PACKERS check packers <u>TIMESET 2330</u> for LEAKS
1-28-75	0050	0820	MOVE RIG TO SG 1A
	0820	1022	Set packers in SG 1A Set jet string drilling 968 to 1001
	1022	1646	Set packers in SG 1A Set jet string
	1646	0426	jetting, measure w/well recorder in SG 1 down D.P. & annulus.
1-29-75	0426	0445	prepare for recovery
	0445	0645	recovery in SG 1 down D.P. & Annulus
	0645		trip in for drilling.

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DST #7

PUMP TEST DATA SHEET ; WELL NO. SG-1Leaking  
Packer  
Test

PUMPED WELL \_\_\_\_\_ OBSERVATION WELL SG-1

DATE: 1-28-75

STATIC WATER LEVEL \_\_\_\_\_

PUMP (ON) (OFF) AT \_\_\_\_\_ (DRAWDOWN) (RECOVERY) TEST

~~WATER TEMP.~~ \_\_\_\_\_ CONDUCTIVITY \_\_\_\_\_ SAMPLE TAKEN (YES) (NO) \_\_\_\_\_

MP = MEASURING POINT MP FT. ABOVE G.L.(GROUND LEVEL)

CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE
WATER LEVEL	DRILL STEM	ANNULUS		WATER LEVEL	IN		
	PRIOR TO INJECTION			ANNULUS	DURING		
0	73.9	79.4 1/2		INJECTION	of 5.5 ft/min		
5	74.9	79.4 1/2		DOWN DRILL STEM			
10	75.5	79.4 1/2		0	78.6		
15	75.9 3	79.4 1/2		5	78.6		
20	76.2	79.4 1/2		10	78.6		
		73.6		15	78.6		
	HAD TO USE DIFFERENT			20	78.6		
	MEASURING POINT			25	78.6		
				30	78.6		
				35	78.6		

IF THE RATE OF CHANGE IN THE ANNULUS  
 DURING THE INJECTION IS VERY MUCH HIGHER  
 THAN DURING STABILIZATION RESET PACKERS  
 1 FOOT HIGHER & RE RUN THIS TEST. IF  
 THEY STILL LEAK RESET THEM 1 FOOT LOWER  
 & RE RUN THIS TEST. IF THEY STILL LEAK  
 CALL DON TAIT.



DST#7

PUMP TEST DATA SHEET; WELL NO. SG-1A

# Leaking Packer Test

PUMPED WELL SG-1A

OBSERVATION WELL SG-1A

DATE: 1-2-8-75

## STATIC WATER LEVEL

PUMP (ON) (OFF) AT \_\_\_\_\_ (DRAWDOWN) (RECOVERY) TEST

~~WATER TEMP.~~ \_\_\_\_\_ CONDUCTIVITY \_\_\_\_\_ SAMPLE TAKEN (YES) (NO) \_\_\_\_\_

MP = MEASURING POINT      MP \_\_\_\_ FT. ABOVE G.L.(GROUND LEVEL)

CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE
		WATER LEVEL	DRILL STEM		ANNULUS		WATER LEVEL IN
		PRIOR TO	INJECTION		ANNULUS		DURING
0	73.9		78.6		INJECTION of	5 gal./min.	
5	74.9		78.6		DOWN DRILL STEM		
10	75.5		78.6	0	78.6		
15	75.9		78.6	5	78.6		
20	76.2		78.6	10	78.6		
				15	78.6		
				20	78.6		
				25	78.6		
				30	78.6		
				35	78.6		

IF THE RATE OF CHANGE IN THE ANNULUS

DURING THE INJECTION IS VERY MUCH HIGHER

TIME DURING STIMULATION SET BY PICKERS

1 Foot HIGHER & RECUR THIS TEST. IF

THEY STILL LEAK RESIST THEM 1 FOOT LOWER

AND RERUN THIS TEST. IF THEY STILL LEAK  
SEE TEST FA



DST #7

PUMP TEST DATA SHEET ; WELL NO. 56-1

Packed interval 968 - 1002

PUMPED WELL 56-1A

OBSERVATION WELL 56-1

DATE: 1-28-75

STATIC WATER LEVEL

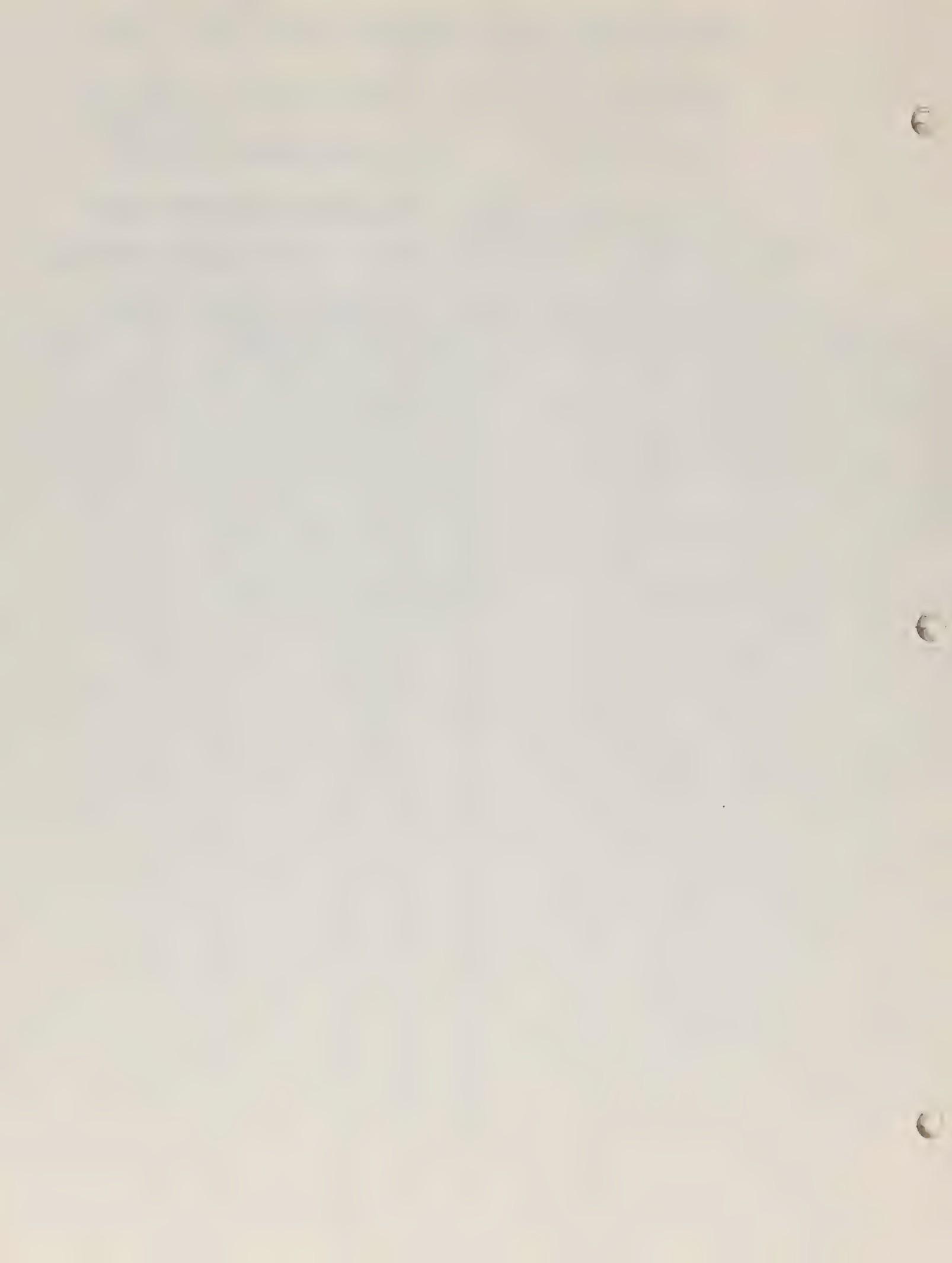
Drill Pipe

PUMP (ON) 16.96 AT 16.96 (DRAWDOWN) (RECOVERY) TEST  
OFF at 426

WATER TEMP. 72.5 CONDUCTIVITY 2250 SAMPLE TAKEN (YES) (NO)

MP = MEASURING POINT MP 0 FT. ABOVE G.L.(GROUND LEVEL)

CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE
1642	0	72.8		21:46	300	73.9	
1651	5	72.6		22:36	350	73.75	
1656	10	69.2-72.8		23:26	400	74.05	
1658	12	—		24:16	450	74.15	
1700	14	73-72.7		1:06	500	74.2	
	16	—		2:46	600	74.25	
1714	18	74.0-73.0		4:26	700	74.25	
1725	20	71.0		5:22			
1733	25	77.0-73.0		9:20			
1746	30	77.0-72.8		10:3			
1751	35	76.4-73.1		12:0			
1756	40	77.1-72.9		14:0			
1757	45	76.4-73.1					
1756	50	77.0-73.0					
1746	60	76.4-73.1					
1746	70	77.0-73.2					
1756	80	76.4-73.3					
1811	90	77.0-73.2					
1811	105	76.4-73.6					
1811	120	76.4-73.4					
1901	140	76.5-73.5					
1901	160	76.4-73.6					
1901	180	77.0-73.7					
	200	73.75					
	220	73.75					
	250	73.75					



DST #7

PUMP TEST DATA SHEET ; WELL NO. 56-1

968-1002  
 PUMPED WELL 56-1A      OBSERVATION WELL SG-1

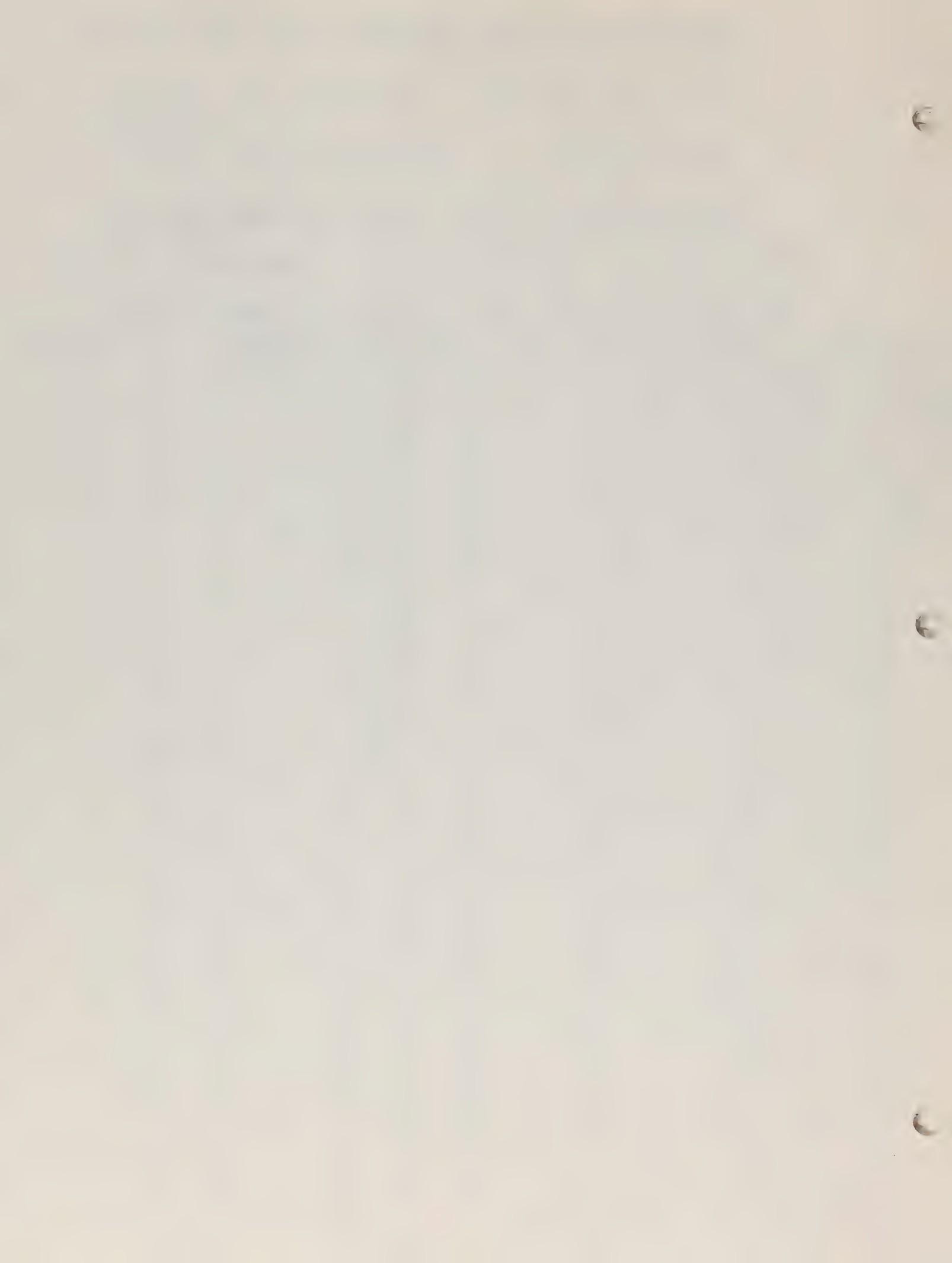
DATE: 1-29-75      STATIC WATER LEVEL Annulus

PUMP (ON) 1646      (OFF) AT 426      (DRAWDOWN RECOVERY) TEST

WATER TEMP. \_\_\_\_\_ CONDUCTIVITY \_\_\_\_\_ SAMPLE TAKEN (YES) (NO)

MP = MEASURING POINT      MP 2 FT. ABOVE G.L.(GROUND LEVEL)

CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE
1618	0	83.2			302	76.6	
1651	5	79.8			350	77.1	
1656	10	79.4			400	75.7	
1658	12	—			500	75.65	
1700	14	77.7			600	75.4	
	16	—			700	75.7	
	18	77.1			800	74.15	
	20	—			900		
	25	79.1			1000		
	30	79.0			1100		
	35	79.0			1200		
	40	79.0			1300		
	45	79.0			1400		
	50	78.7					
	60	78.5					
	70	78.3					
	80	78.2					
	90	78.4					
	100	78.1					
	120	78.4					
	140	77.8					
	160	77.8					
	180	77.1					
	200	77.6					
	250	77.2					



46 6013  
DST # 968-1002-1

Packed interval: 968-1002-1



$$T = \frac{264Q}{\Delta S} = \frac{264 \cdot 5}{739.728} = 1260 \text{ min}$$

10<sup>2</sup>

10

10<sup>3</sup>



DST# 7

PUMP TEST DATA SHEET ; WELL NO. 56-1

9' 5 - 1032

RECOVERY

PUMPED WELL 56-1A OBSERVATION WELL 5G-1

DATE: 1-29-75

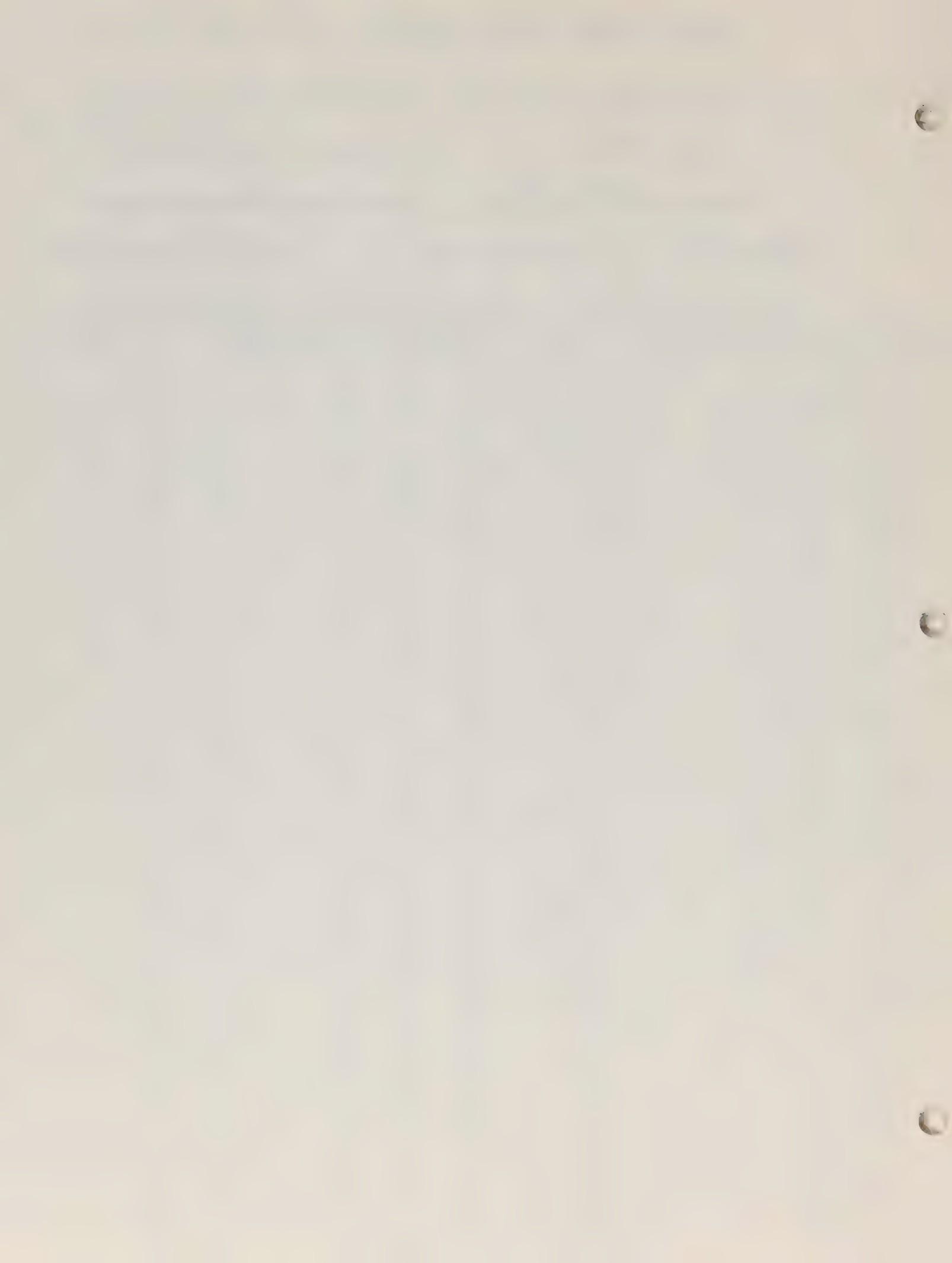
STATIC WATER LEVEL Drill stem & Annulus

PUMP (ON) (OFF) AT 1646 FT (DRAWDOWN) (RECOVERY) TEST

WATER TEMP. \_\_\_\_\_ CONDUCTIVITY \_\_\_\_\_ SAMPLE TAKEN (YES) (NO)

MP = MEASURING POINT MP FT. ABOVE G.L.(GROUND LEVEL)

CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP M	PUMP RATE ANGUS COUNTER SECOND	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE
0							
5	74.35		75.4				
10	74.35		75.35				
12	74.35		75.35				
14	74.3		75.35				
16	74.35		75.35				
18	74.4		75.4				
20	74.4		75.4				
25	74.3		75.3				
30	74.3		75.3				
35	74.3		75.3				
20 min	40	74.2	75.3				
READING	45	74.17	75.2				
50	74.17		75.2				
60	74.1		75.1				
90	74.1		75.1				
100	73.95		74.9				
0645	120	73.85	74.8				
	100						
	110						
	120						
	130						
	140						
	150						
	160						

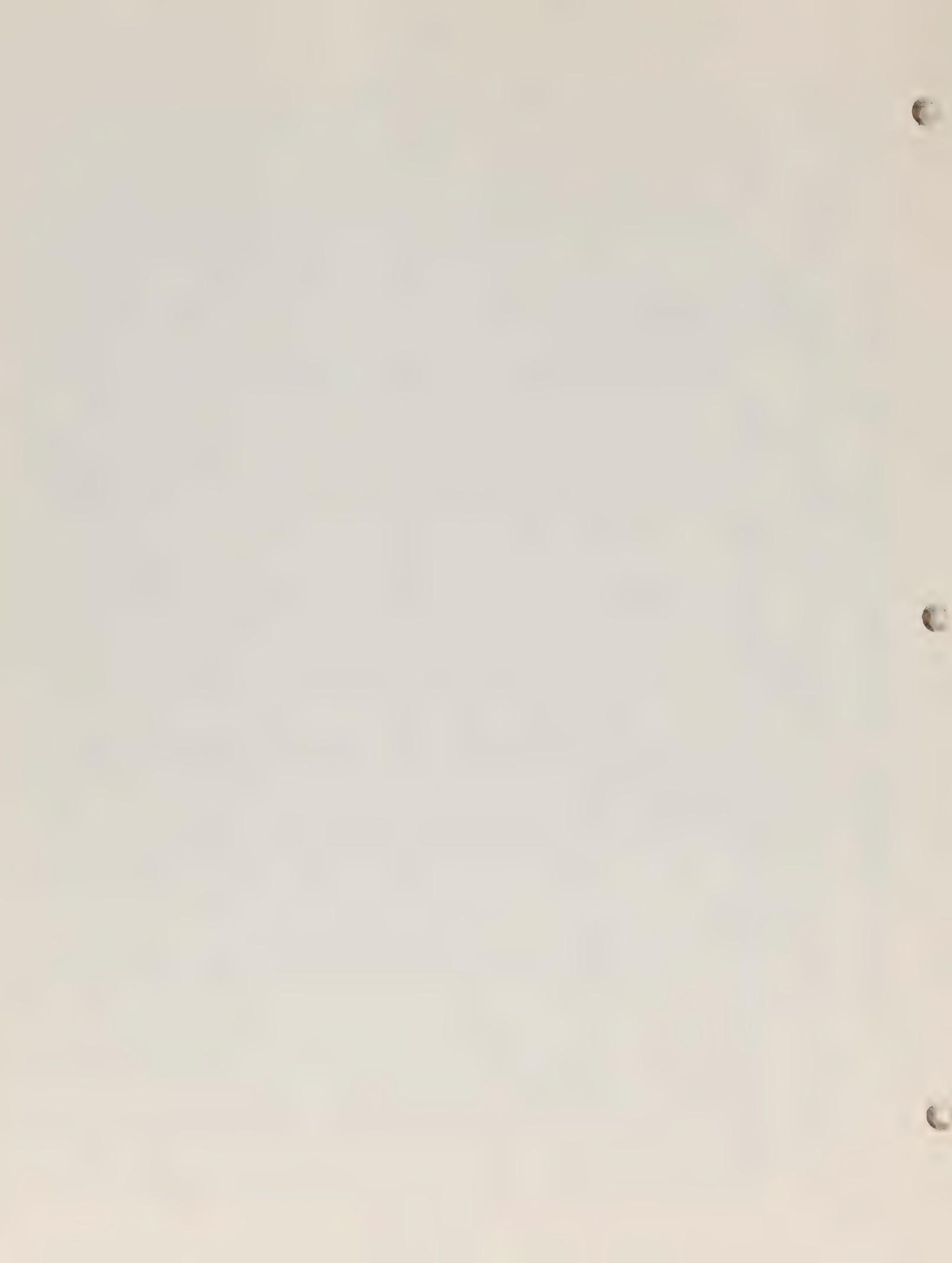


WATER PRODUCTION AND CONDUCTIVITY DATA SHEET DST #7  
WELL NAME & NUMBER 56-1 LOCATION

OPERATOR \_\_\_\_\_ WELL NAME & NUMBER \_\_\_\_\_

LOCATION.

DATE	TIME	DEPTH	WATER TEMPERATURE	CONDUCTIVITY MICROMHOS	INJECTED WATER (rate - g/min)
------	------	-------	----------------------	---------------------------	-------------------------------------



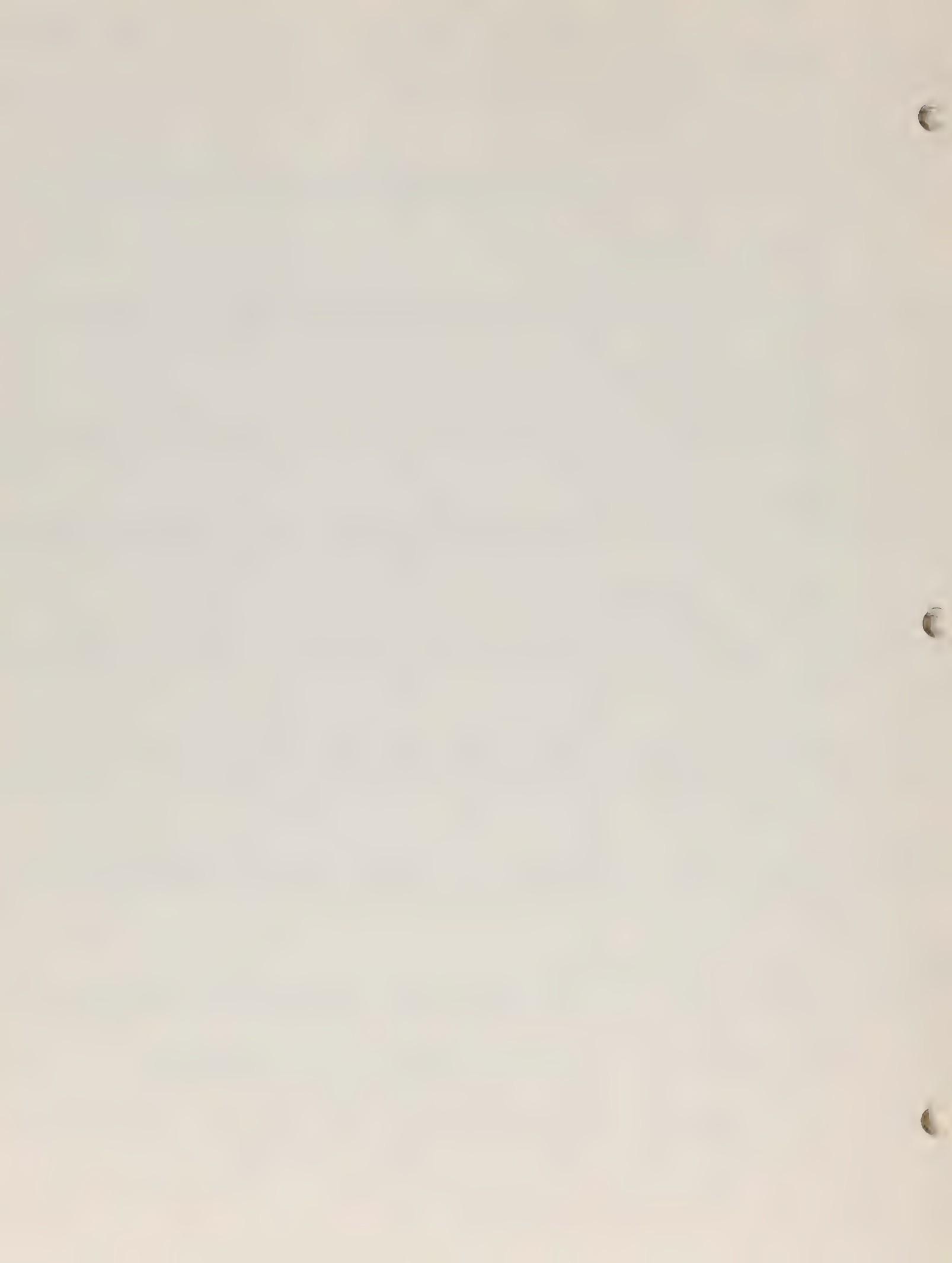
Test #8 J'Kr Depth Top 1123' Bottom 1158'  
 Sperry Sun Gages Top 1117' Middle 1132' - 11  
 Bottom

DATE	START TIME	END TIME	Description
1/31/75	0300	0358	Making up Tools to go in hole
	0358	0506	Going in hole to Bottom
	0506	0531	Rigging up Kelley to set Pkrs.
	0531	0535	Pumping H <sub>2</sub> O to set Pkrs. Pkrs set @ 0535
	0535	0558	PKr. check
	0558	0610	Prep for Test #8
1-31-75	6:10		Start Test #8 - Start injection @ 6:10
2/1/75	6:10	10:10	Stopped injection - start recovery

10:10 END Recovery - SJ Logging

SG-1 - Packer @ 1123 & 1188'

SG-1A - Packer @ 1125 TD 1180'



PUMP TEST DATA SHEET ; WELL NO.

TEST # 1123-1188

PUMPED WELL

OBSERVATION WELL SG-1  
DRILL STEM

DATE: 1/31/75

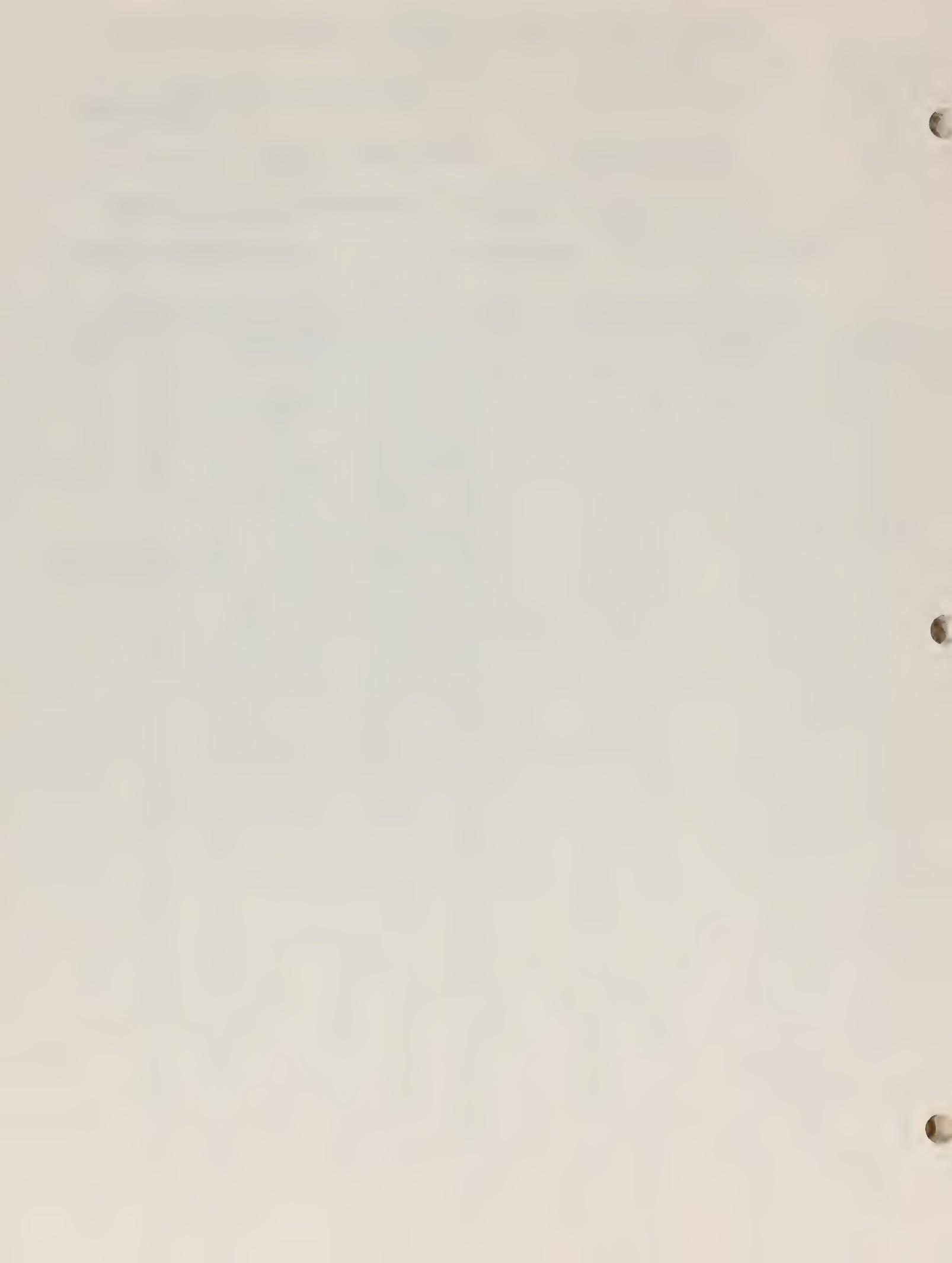
STATIC WATER LEVEL

PUMP (ON) (OFF) AT 6:10 hrs. (DRAWDOWN) TEST  
OFF

WATER TEMP. CONDUCTIVITY SAMPLE TAKEN (YES) (NO)

MP = MEASURING POINT MP FT. ABOVE G.L.(GROUND LEVEL)

CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP		PUMP RATE
6:10	0	16.4 = 0			11:10	300	19.28		
	5	-2.35			12:00	350	19.87		
	10	-4.58			12:50	400	20.35		
	12	-5.22			13:41	450	20.78		
	14	-5.83			14:30	500	21.17		
	16	-6.35			16:10	550	22.00	620 min	
	18	-6.87			17:50	700	22.37		
	20	-7.34	Take Samples		19:30	800	22.85		
	25	-8.32			21:10	900	23.43		
	30	-9.14			22:50	1000	23.77		
	35	-9.84		7-1-75	2:10	1200	24.33		
	40	-10.44			5:30	1400	24.74		
	45	-10.98			6:10	1440	24.85		
7:00	50	11.48							
7:10	60	12.31							
7:20	70	13.08							
7:30	80	13.75							
7:40	90	14.28							
7:50	100	14.74							
8:10	120	15.48							
8:30	140	16.22							
8:40	160	16.66							
9:10	180	17.13							
9:30	200	17.53							
10:20	250	18.53							

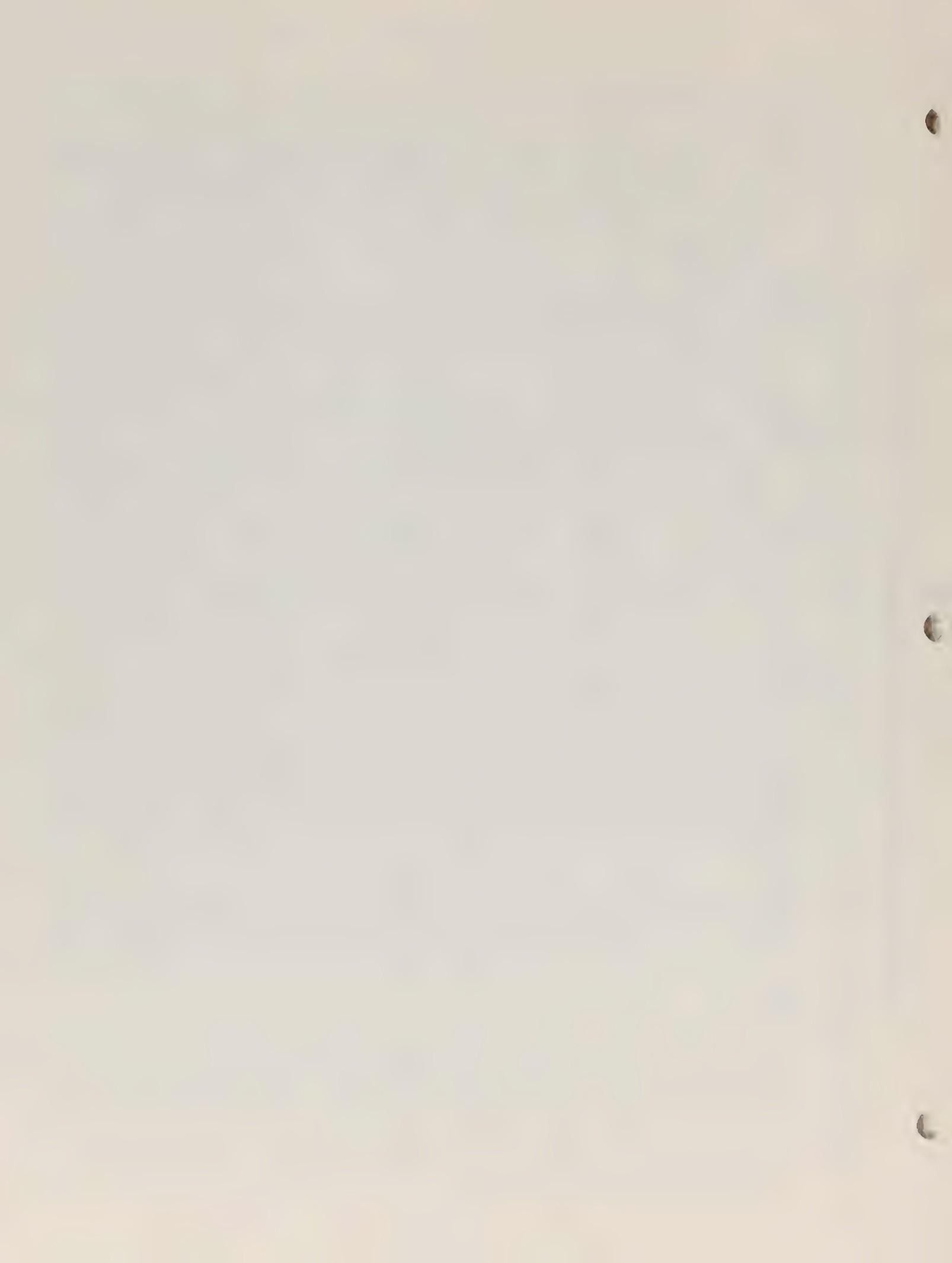


DST II 8

## WATER PRODUCTION AND CONDUCTIVITY DATA SHEET

OPERATOR AFCO WELL NAME & NUMBER SC-1ALOCATION 1/2 3-1188'

DATE	TIME	DEPTH	WATER TEMPERATURE	CONDUCTIVITY MICROMHOS	INJECTED WATER (rate - gpm)	FLUME SIZE	FLUME READING	PRODUCTION RATE (gpm)		AIR PRESS REMARKS
								12 gpm	200	
1-31	0710		13°C	1900		6"	7			
1-31	0810		15°C	1700		6"		6 gpm	200	
1-31	0910		15°C	1700		5"		8.5 gpm	200	
1-31	1010		16.5°C	1750		37 sec				
1-31	1110		16.00	1800	U.S.G.S. Measurements	10				
1-31	1210		17.00	1800		9.5 sec		7.5	200	
1-31	1310		17.0°C	1800		19.7 sec		8.4	200	
1-31	1410		17.0°C	1800		19.7 sec		8.4	200	
1-31	1510		17.0	1800		19.7 sec		8.4	200	
1-31	1610		17.0°C	1800		19.7 sec		9	200	
1-31	1710		17.0°C	1800		19.7 sec		9	200	
1-31	1810		18.0°C	1800		19.7 sec		9	200	
1-31	1910		18.0	1800		19.7 sec		9	200	
1-31	2010		18.0	1800		19.7 sec		9	200	
	2110		18.0	1800		19.7 sec		9	200	
	2210		18.0	1800		19.7 sec		9	200	
	2310		18.0	1800		19.7 sec		9	200	
	2410		18.0	1800		19.7 sec		9	200	
2-1	0110		18.0	1700		19.7 sec		9	200	
	2110		18.0	1700		19.7 sec		9	200	



## WATER PRODUCTION AND CONDUCTIVITY DATA SHEET

OPERATOR \_\_\_\_\_ WELL NAME & NUMBER \_\_\_\_\_

LOCATION

DATE	TIME	DEPTH	TEMPERATURE	WATER CONDUCTIVITY	INJECTED WATER (from - to m)
------	------	-------	-------------	--------------------	------------------------------

INJECTED WATER ( $\text{cm} - \text{cm}$ )	FLUME SIZE ( $\text{cm} - \text{cm}$ )	FLUME READING	PRODUCTION RATE ( $\text{cm}$ )
--	--	------------------	---------------------------------------



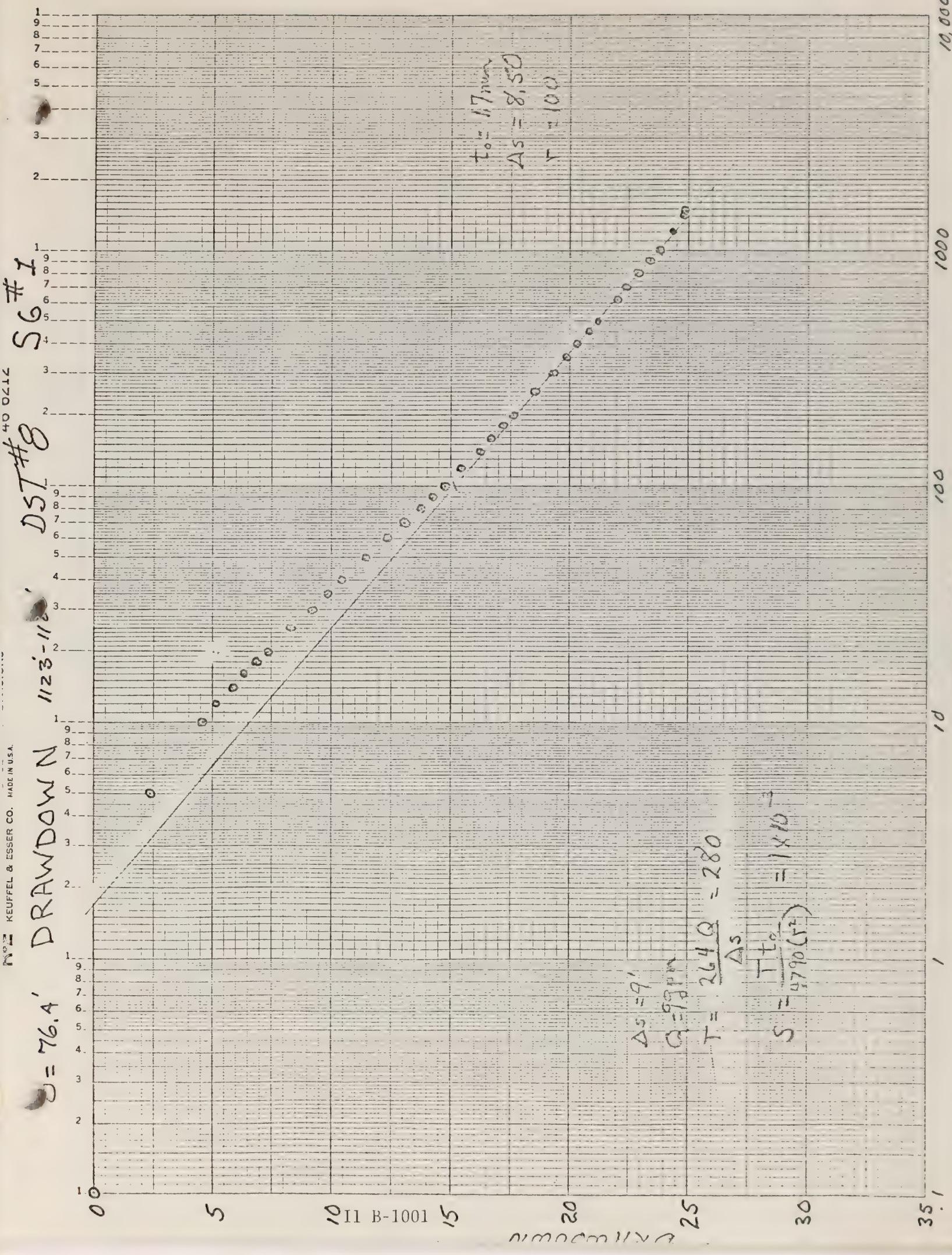
DST #8

 $\Sigma = 76.4'$ 

DRAWDOWN

1123-11

SG#1





PUMP TEST DATA SHEET ; WELL NO. SG-1

1123-1188

PUMPED WELL SG-1A

OBSERVATION WELL

SG-1  
drill pipe

Test

DATE: 2-1-75

STATIC WATER LEVEL

#  
8

PUMP (ON) (OFF) AT 6:10 hrs. (RECOVERY) TEST

WATER TEMP.

CONDUCTIVITY

SAMPLE TAKEN (YES) (NO)

MP = MEASURING POINT MP FT. ABOVE G.L.(GROUND LEVEL)

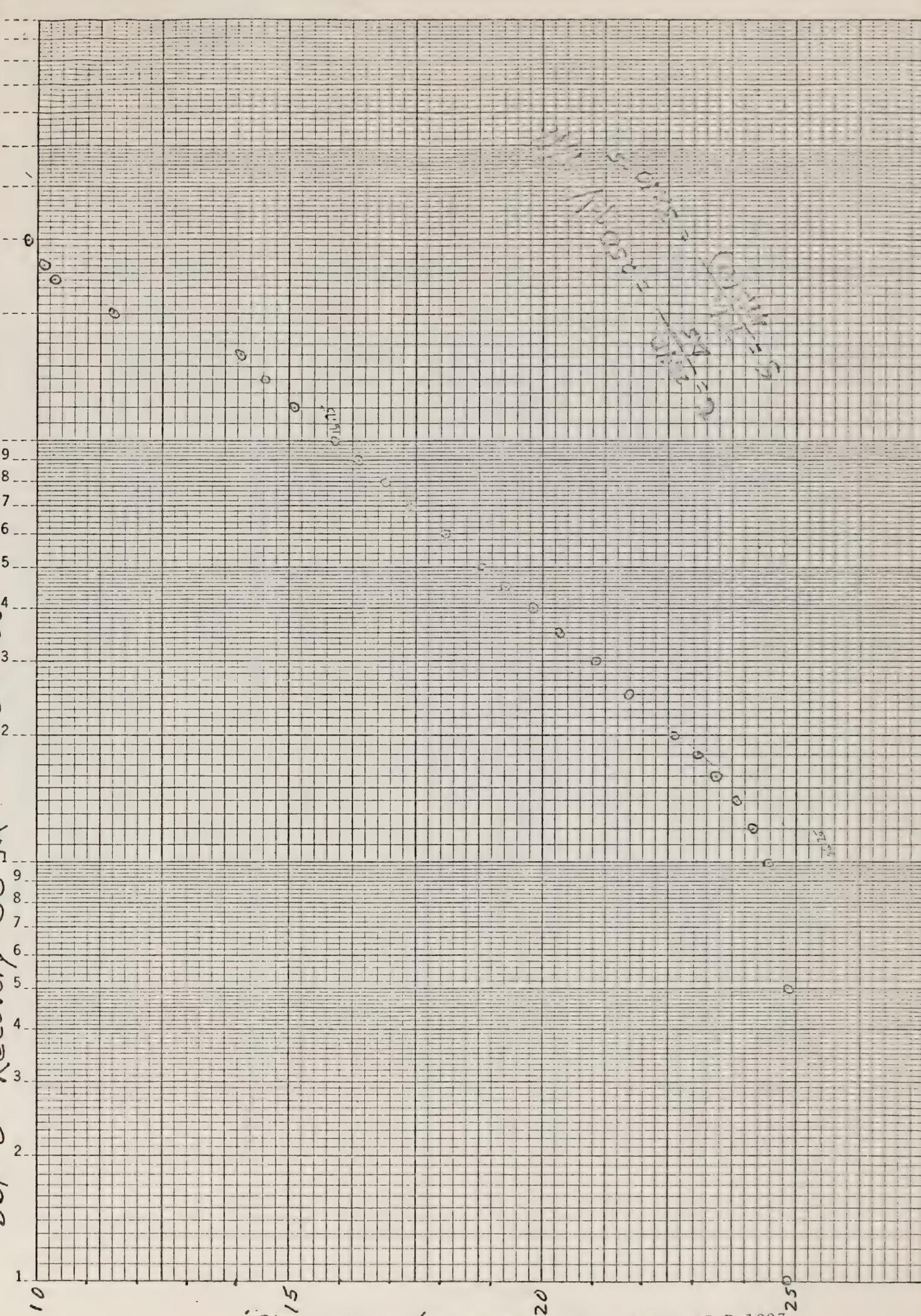
CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE
		Recovery down drill pipe				0 = 76.2	
6:10	0	24.85					
	5	24.87					
	10	24.42		1030	260	80.1+6.2 = 86.3 - 76.2 = 10.1	
	12	24.17		1110	300	79.7+6.2 = 85.9 - 76.2 = 9.7	
	14	23.93					
	16	23.41					
	18	23.06					
	20	22.67					
	25	21.70					
	30	21.02					
	35	20.35					
	40	19.80					
	45	19.27					
	50	18.95					
7:10	60	18.07					
	70	17.38					
	80	16.83					
	90	16.37					
	100	15.96					
8:10	120	15.11					
	140	14.55					
	160	14.08					
9:10	180	SOUNDER QUIT					
	200	$81.5 + 6.2 = 87.7 - 76.2 = 11.5 ?$					
10:10	240	$80.3 + 6.2 = 82.5 - 76.2 = 10.3$					



KΣ SEMI-LOGARITHMIC • 3 CYCLES X 70 DIVISIONS  
KEUFFEL & ESSER CO. MADE IN U.S.A.

46 5493

DST #8 Recovery SG-1A 112.3' - 1188'



100-11 Feet of Recovery from D.D.



Test #8 Vertical Perm.

PUMP TEST DATA SHEET; WELL NO. SG-1

Packed

1123-1188'

PUMPED WELL SG-1A

Data From

OBSERVATION WELL

SG1 Annulus

Drawdown

DATE: 1-31-75 →

STATIC WATER LEVEL

PUMP (ON) AT 6:10 hrs. (DRAWDOWN) TEST

WATER TEMP.

CONDUCTIVITY

SAMPLE TAKEN (YES) (NO)

MP = MEASURING POINT MP FT. ABOVE G.L. (GROUND LEVEL)

CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE
6:10	0	83.5		1110	300	1.77	
6:15	5	+ .12	.	1200	350	2.02	
6:20	10	+ .21		1250	400	2.20	
6:22	12	+ .22		1340	450	2.4	
6:24	14	+ .23		1430	500	2.6	
6:26	16	+ .23		1610	620	3.1	620 min
6:28	18	+ .24		1750	700	3.4	
(1) 30	20	+ .25		1930	800	3.7	
6:35	25	+ .30		2110	900	4.12	
6:40	30	+ .31		2250	1000	4.44	
6:45	35	+ .36	2-1-75	2:10	1200	4.95	
6:50	40	+ .40		5:30	1400	5.56	
6:55	45	+ .42		6:10	1440	5.56	
7:00	50	+ .45					
7:10	60	+ .50					
7:20	70	+ .56					
7:30	80	+ .61					
7:40	90	+ .68					
7:50	100	+ .71					
8:10	120	+ .87					
8:30	140	+ 1.0					
8:50	160	1.1					
9:10	180	1.2					
9:30	200	1.3					
10:20	250	1.53					



PUMP TEST DATA SHEET ; WELL NO. SG-1A

Packed 1125- 1180

PUMPED WELL SG-1A

OBSERVATION WELL SG-1-A  
Anulus

TEST  
#  
8

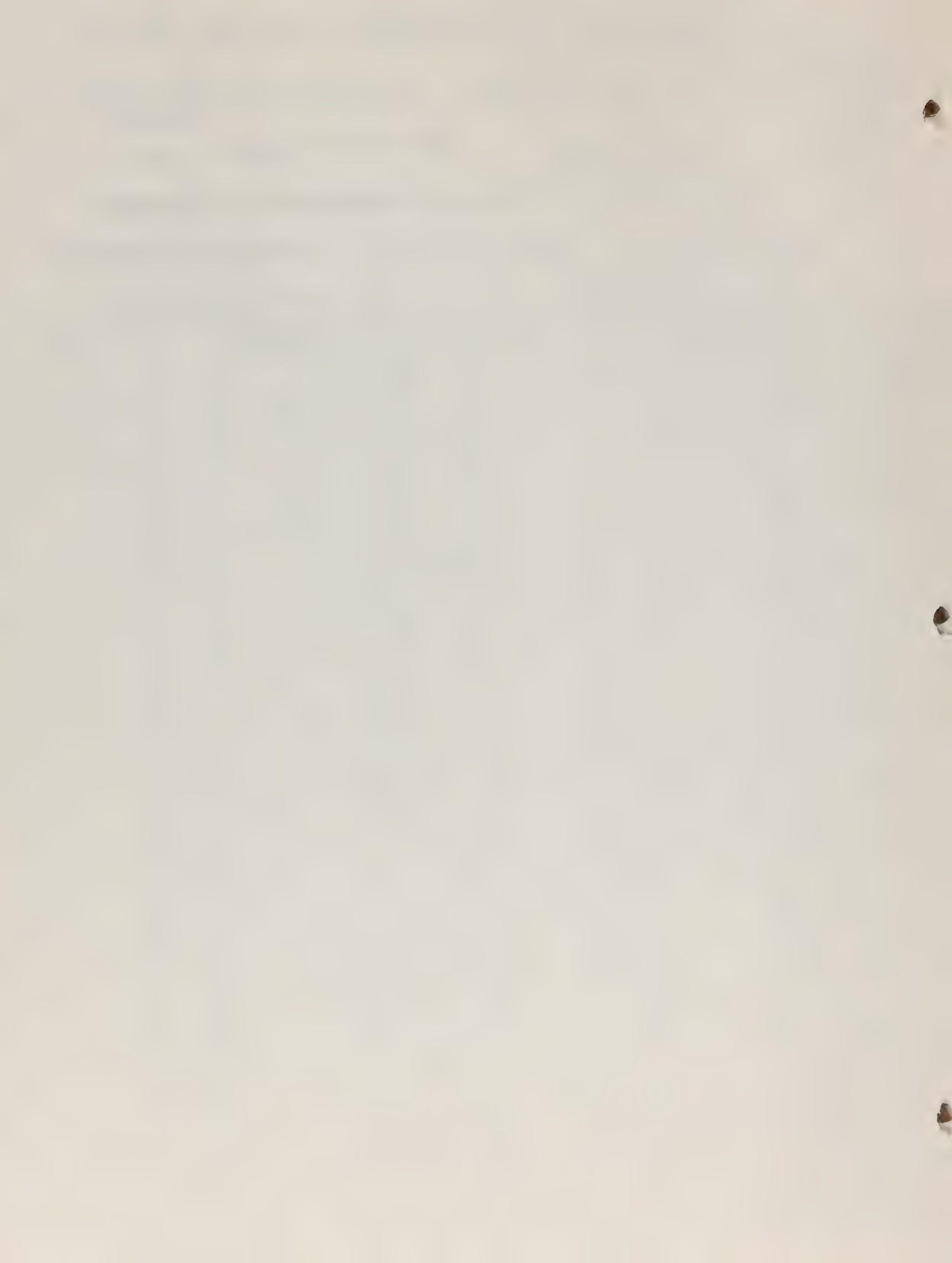
DATE: 1-31-75 → STATIC WATER LEVEL \_\_\_\_\_  
2-1-75

PUMP (ON) ~~OFF~~ AT 6:10 hrs. (DRAWDOWN) ~~TEST~~ TEST

WATER TEMP. \_\_\_\_\_ CONDUCTIVITY \_\_\_\_\_ SAMPLE TAKEN (YES) (NO)

MP = MEASURING POINT MP FT. ABOVE G.L. (GROUND LEVEL)

CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE
6:10	0	76.85			300	2.4	
	5	76. <del>85</del> +.1/2			350	2.65	
	10	+.4		420	<del>4.3</del>	3.1	
	12	+.4			450	3.2	
	14	+.5			500	3.25	
	16	+.5		620	600	3.7	
	18	+.5			700	4.0	
	20	+.5			800	4.4	
	25	+.55			900	4.8	
	30	+.6			1000	5.0	
	35	+.7			1200	5.9	
	40	+.75			1400	6.5	
	45	+.75			1440		
	50	+.8					
7:10	60	+.9					
	70	+.95					
	80	+1.0					
	90	+1.1					
	100	+1.15					
8:10	120	+1.3					
	140	+1.4					
	160	1.6					
7:10	180	1.7					
9:30	200	1.85					
10:20	250	2.3					



ARCO, et al  
PUMP TEST DATA SHEET; WELL NO. SG-1A

AT DRILL PIPE

1125-1180'

PUMPED WELL SG-1A

OBSERVATION WELL SG-1A

DATE: 1-1-75

STATIC WATER LEVEL

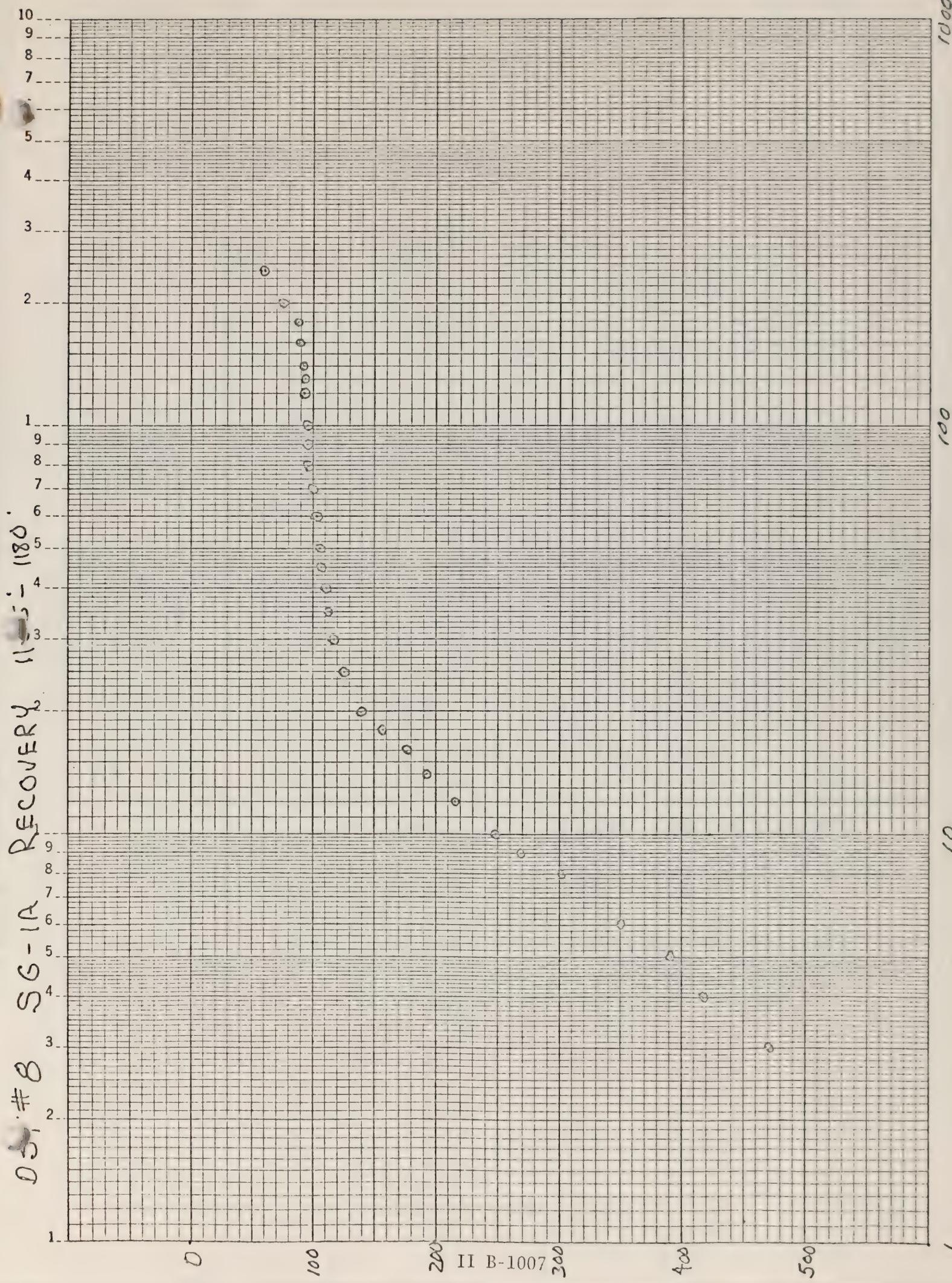
PUMP (ON) (OFF) AT 6:10 AM. (DOWNTIME) (RECOVERY) TEST

WATER TEMP. CONDUCTIVITY SAMPLE TAKEN (YES) (NO)

MP = MEASURING POINT MP FT. ABOVE G.L.(GROUND LEVEL)

CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE
6:10	0				90	96.4	
	1				100	95.0	
	2				110	92.43	
	3	471.8		8:10	120	471.8	
	4	418.0		8:30	140	91.22	
	5	390.1		8:50	160	89.7	
	6	350.2		9:10	180	88.6	
	7	—			200	87.5	
	8	301.5		10:10	240	86.0	
	9	269.6					
	10	249.3					
	12	216.6					
	14	192.8					
	16	177.9					
	18	157.5					
	20	140.0					
	25	126.1					
	30	118.4					
	35	113.6					
	40	110.3					
	45	107.8					
	50	105.7					
7:10	60	102.3					
	70	100.0					
	80	97.9					







START	STOP	Description	DST # 9
A:51 P.M. 5:05 P.M. 5:15 P.M. <del>2-2-75</del> 2-2-75		Bottom gauge Top gauge Middle gauge	
17:50	18:35	STARTED IN HOLE	
18:35	18:50	Set Packer	
18:50	20:00	Test for leaky Packer	
<del>2-3-75</del> 2-2-75 20:00	2-3-75 20:00	DRAWDOWN	
2-3-75 2-3-75 20:00	2-3-75 24:00	RECOVERY DOWN DRILL STEM SG#1 & SG#1A	
2-4-75 00:00		PREP TO COME OUT OF HOLE PULL PACKER @ <u>00:35</u>	
		SG-1A - Packers @ 969 & 1001' SG-1 - Packers @ 968 & 1002'	
		Miss run - blew up packer in SG-1	

(

DST #9

SG-1 TEST Depth 969 -100/  
WATER PRODUCTION AND CONDUCTIVITY DATA SHEETOPERATOR Arco WELL NAME & NUMBER Sorghum Creek #1A LOCATION \_\_\_\_\_

DATE	TIME	DEPTH	WATER TEMPERATURE	CONDUCTIVITY MICRONMOS	INJECTED WATER (rate - g/m)	FLUME SIZE	FLUME READING	PRODUCTION RATE (gpm)		REMARKS
								12 g/m	15 g/m	
2-2	21:00		15.0°C	2300						
	22:00		15.5°C	2250						
	23:00		16.0°C	2250						
	24:00		16.0°C	2200						
2-3-75	01:00		18.0°C	2250						
	02:00		17.0°C	2200						
	3:00		17.5	2200						
	4:00		17.5°C	2350						
	5:00		17.5°C	2350						
	6:00		17.5°C	2400						
	7:00		17.5°C	2400						
	8:00		17.5	2400						
	9:00		17.5	2400						
	10:00		18.	2200						
	11:00		17.5	2400						
	12:00		17.5	2400						
	13:00		17.5	2400						
	14:00		17.5	2500						
	15:00		17.5	2500						
	16:00		17	2400						

Arco  
samples  
sterile  
etc

6

6

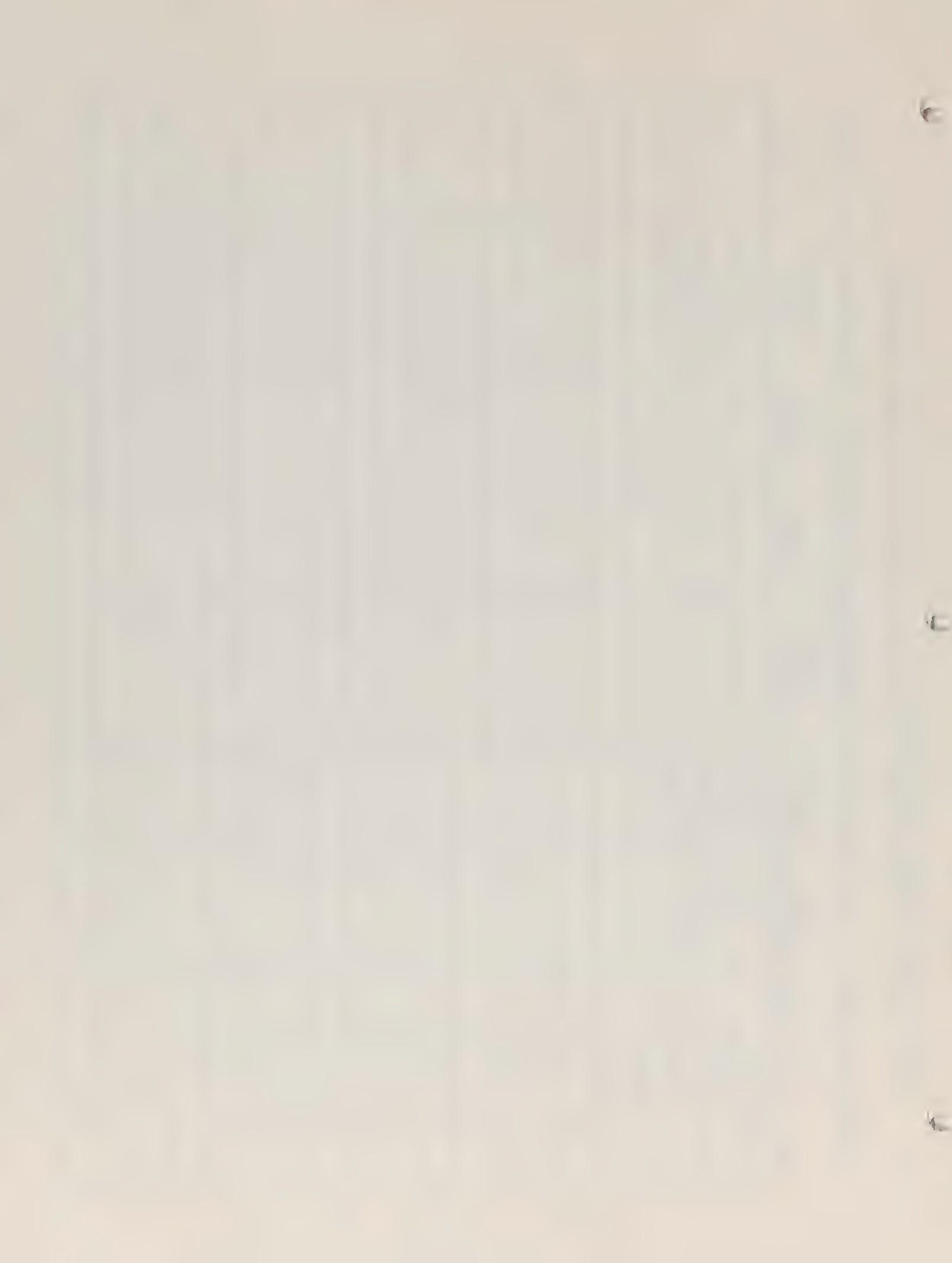
6

DST = 9

SG-1 Test Don<sup>th</sup> 969 - 1001  
WATER PRODUCTION AN

## WATER PRODUCTION AND CONDUCTIVITY DATA SHEET

OPERATOR AREA    WELL NAME & NUMBER Songham Ranch #1A    LOCATION



DST 59

PUMPED WELL SG #1A

OBSERVATION WELL SG #1

DRILL STEM

DATE: \_\_\_\_\_

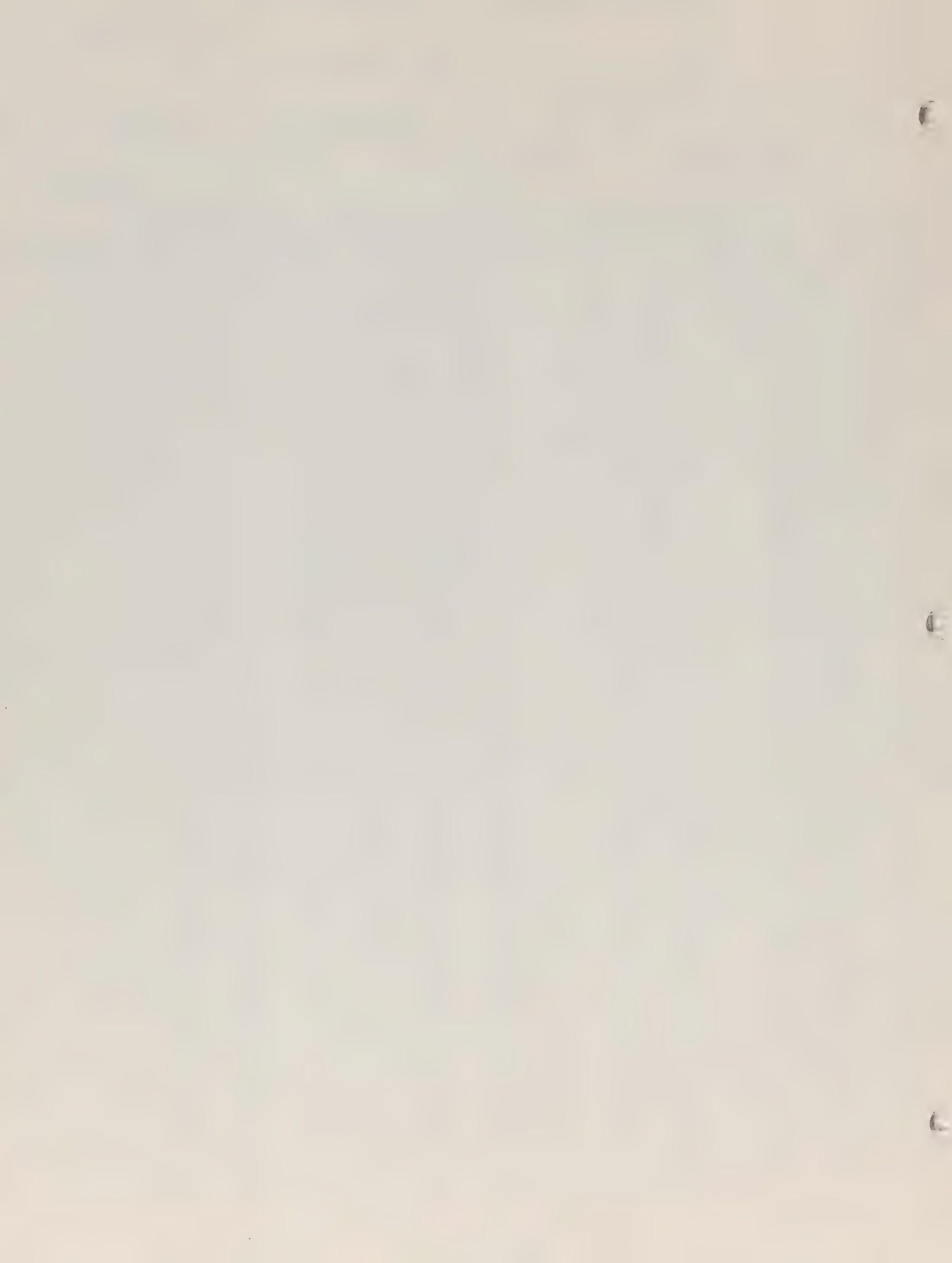
STATIC WATER LEVEL \_\_\_\_\_

PUMP (ON) (OFF) AT \_\_\_\_\_ (DRAWDOWN)  TEST

WATER TEMP. \_\_\_\_\_ CONDUCTIVITY \_\_\_\_\_ SAMPLE TAKEN (YES) (NO)

MP = MEASURING POINT MP 6.1 FT. ABOVE G.L. (GROUND LEVEL)

CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE
08:00	0	45.6		1:00	300	5.23	
	5	47		1:50	350	5.31	
	10	47.5		2:40	400	5.36	
	12	1.05		3:30	450	5.40	
	14	1.72		4:20	500	5.42	
	16	1.2		6:00	600	5.45	
	18	1.35		7:40	700	5.5	
	20	2.2		9:20	800	5.57	
	25	2.5		11:00	900	5.60	
	30	2.95		12:40	1000	5.66	
	35	3.2		16:00	1200	5.78	
	40	3.4		19:20	1400	5.9	
	45	3.55		20:00	1440		
	50	3.7					
21:00	60	3.8					
	70	4.0					
	80	4.2					
	90	4.35					
	100	4.5					
22:00	120	4.65					
	140	4.8					
	160	4.95					
23:00	180	5.05					
	200	5.15					
24:00	250	5.17					



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DST #9  
2008-10-02

S.G. #15 ( -168' -1002' DST #9

**SEMI-LOGARITHMIC 5 CYCLES X 70 DIVISION**  
KEUFFEL & ESSER CO. MADE IN U.S.A.

46 6212



Arco ET AL  
PUMP TEST DATA SHEET ; WELL NO. SG #1  
 968 -1002

DST #9

PUMPED WELL SG #1A

OBSERVATION WELL SG #1  
*Annulus*

DATE: \_\_\_\_\_

STATIC WATER LEVEL \_\_\_\_\_

PUMP (ON) (OFF) AT \_\_\_\_\_ (DRAWDOWN) COVERT TEST

WATER TEMP. \_\_\_\_\_ CONDUCTIVITY \_\_\_\_\_ SAMPLE TAKEN (YES) (NO)

MP = MEASURING POINT MP 6.1 FT. ABOVE G.L.(GROUND LEVEL)

CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE
	0	74.9			300	74.9	
	5	74.9			350	74.9	
	10	74.9			400	74.9	
	12	74.9			450	74.9	
	14	74.9			500	74.9	
	16	74.9			600	74.9	
	18	74.9		920	700	- .3	Down
	20	74.9		11:00	800	- .3	75.2
	25	74.9		1240	900	- .3	
	30	74.9		1600	1000	- .3	
	35	74.9		1920	1200	- .4	
	40	74.9			1400		
	45	74.9			1440		
	50	74.9					
	60	74.9					
	70	74.9					
	80	74.9					
	90	74.9					
	100	74.9					
	120	74.9					
	140	74.9					
	160	74.9					
	180	74.9					
	200	74.9					
	250	74.9					



PUMP TEST DATA SHEET ; WELL NO. SG #1

PUMPED WELL SG #1A

OBSERVATION WELL SG#1

DSV #9

DATE: 2-3-75

STATIC WATER LEVEL \_\_\_\_\_

Drill Pipe

PUMP (ON) (OFF) AT 2000 l/s (DRAWDOWN) (RECOVERY) TEST

WATER TEMP. \_\_\_\_\_ CONDUCTIVITY \_\_\_\_\_ SAMPLE TAKEN (YES) (NO)

MP = MEASURING POINT MP 6.1' FT. ABOVE G.L.(GROUND LEVEL)

CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE
		RECOVERY DOWN P.P.			240	6.0	
0	5.9						
5	5.9						
10	5.9						
12	5.9						
14	5.9						
16	5.9						
18	5.9						
20	5.9						
25	5.9						
30	5.9						
35	5.9						
40	5.9						
45	5.9						
50	5.9						
55	5.9						
70	5.9						
80	5.9						
90	5.9						
100	5.9						
120	5.9						
140	5.9						
160	5.9						
180	5.9						
200	6.0						



Arco ET AL  
PUMP TEST DATA SHEET ; WELL NO. SC\*

969 - 1001

DST #9

PUMPED WELL SC#1A

OBSERVATION WELL SC#1A

DATE: 2-2-75

STATIC WATER LEVEL \_\_\_\_\_

PUMP (ON) (END) AT 3000 (DRAWDOWN) 000 TEST

WATER TEMP. \_\_\_\_\_ CONDUCTIVITY \_\_\_\_\_ SAMPLE TAKEN (YES) (NO)

MP = MEASURING POINT MP \_\_\_\_\_ FT. ABOVE G.L.(GROUND LEVEL)

CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE
20:00	0 =	71.21			300	2.04	
	5	+66			350	2.04	
	10	+1.30			400	2.03	
	12	+1.89			450	2.04	
	14	+1.9			500	2.00	
	16	+1.92			600	1.95	
	18	+1.94		7:40	700	1.9	
	20	+1.96		9:20	800	1.9	
	25	+1.98		11:00	900	1.95	
	30	+1.98		12:40	1000	2.00	
	35	2.00		16:00	1200	2.00	
	40	2.00		19:20	1400	2.00	
	45	2.00		14:40			
	50	2.00					
	60	2.00					
	70	2.00					
	80	2.02					
	90	2.02					
	100	2.02					
	120	2.03					
	140	2.04					
	160	2.04					
	180	2.04					
	200	2.04					
	24:10	2.04					
	250	2.04					



DST#9

PUMP TEST DATA SHEET ; WELL NO. SG # 1A

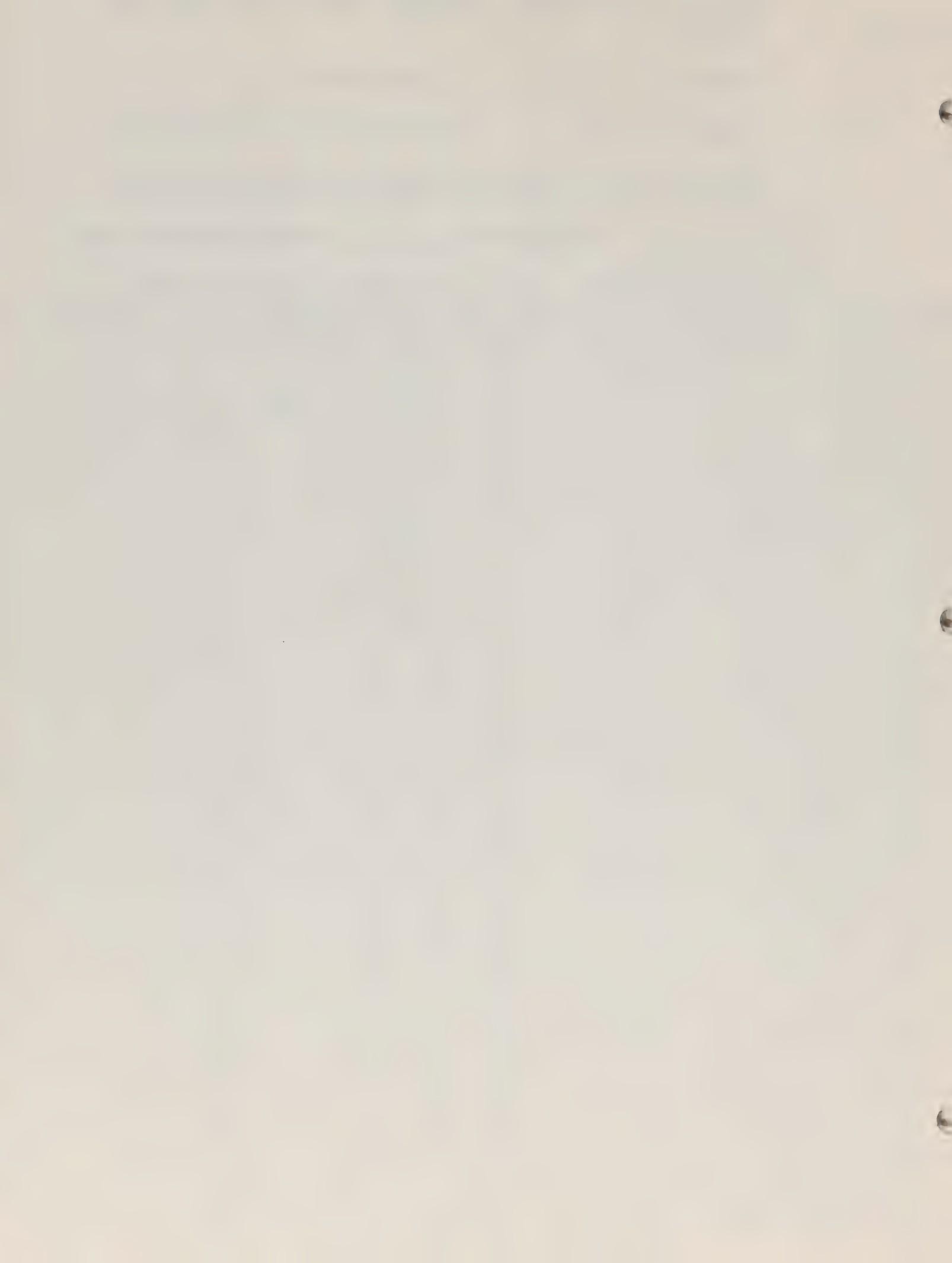
969-1001

PUMPED WELL SG#1A      OBSERVATION WELL \_\_\_\_\_DATE: 2-3-75STATIC WATER LEVEL 3/4" TubingPUMP (ON) (OFF) AT 2000 hrs (DRAWDOWN) (RECOVERY) TEST

WATER TEMP. \_\_\_\_\_ CONDUCTIVITY \_\_\_\_\_ SAMPLE TAKEN (YES) (NO)

MP = MEASURING POINT      MP \_\_\_\_\_ FT. ABOVE G.L.(GROUND LEVEL)

CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE
	0				90	74.5	
	1				100	74.45	
	2				120	74.1	
	3	366.9			140	73.6	
	4	299.0			160	73.9	
	5	225.5			180	73.7	
	6	171.0			200	73.8	
	7	146.3			240	73.55	
	8	119.0					
	9	104.5					
	10	96.5					
	12	84.0					
	14	81.2					
	16	79.2					
	18	78.6					
	20	78.1					
	25	77.7					
	30	77.5					
	35	75.6					
	40	76.0					
	45	75.9					
	50	75.3					
	60	75.2					
	70	75.0					
	80	74.75					



DST #10

## PUMP TEST DATA SHEET; WELL NO. SG-1

SG-1: 968-1008

SG-1A: 969-1009

PUMPED WELL SG-1A

OBSERVATION WELL SG-1  
DRILL STEM

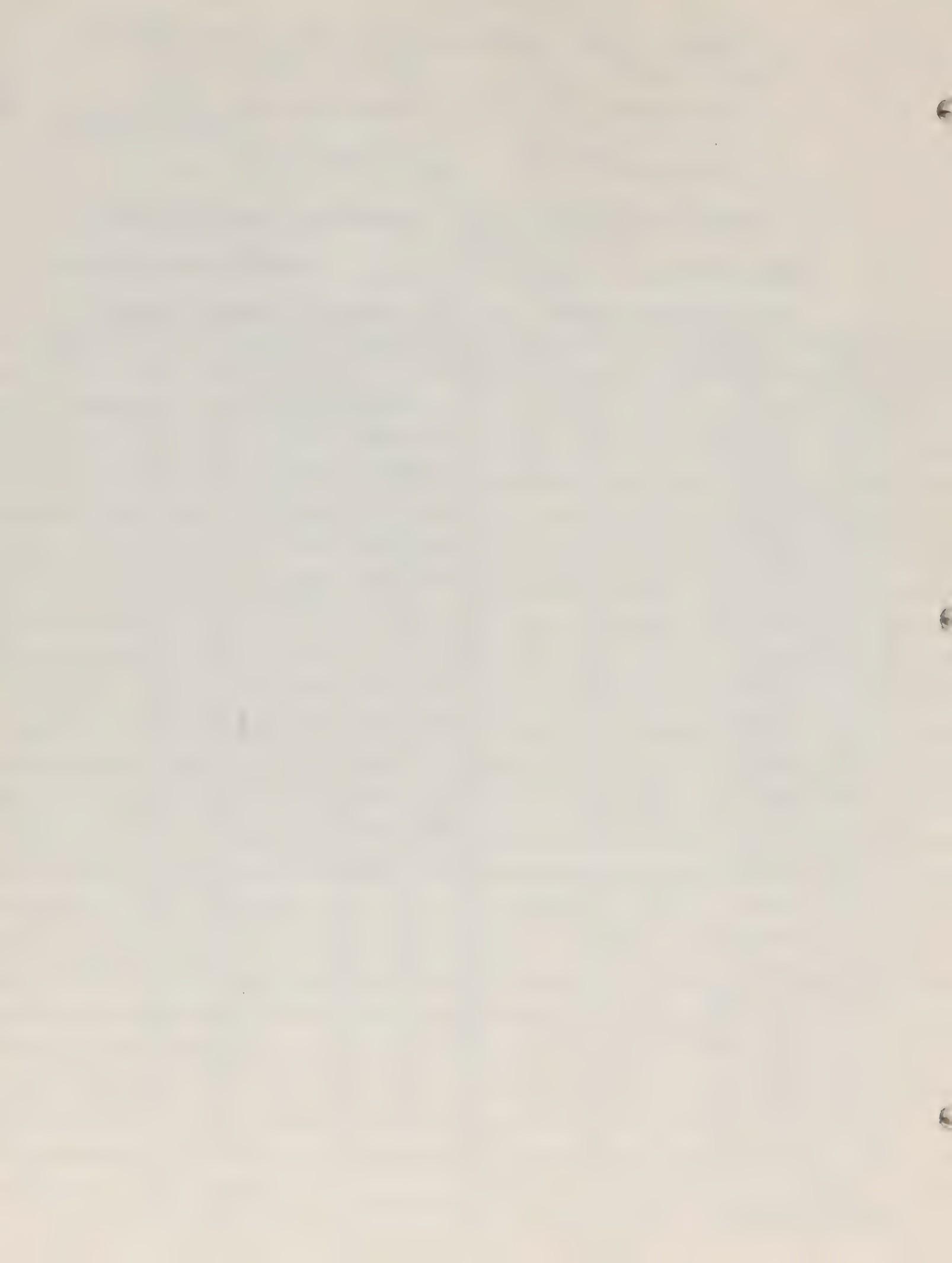
DATE: 2-5-75

STATIC WATER LEVEL

PUMP (ON) AT 1421.5 (DRAWDOWN) (RECOVERY) TEST  
OFF ATWATER TEMP. CONDUCTIVITY SAMPLE TAKEN (YES) 

MP = MEASURING POINT MP 0 FT. ABOVE G.L.(GROUND LEVEL)

CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE
	0	0			250	38.0'	
	5	1.35'		1930	300	39.4	
	10	5.35		2020	350	40.5	
	15	6.55		2110	400	41.4	
	14	7.65		2200	450	42.0	
	16	9.02		2250	500	42.6	
	18	10.25		0030	600	43.7	
	20	12.9		0210	700	44.3	
	25	15.33		0350	800	44.9	
	30	18.73		0530	900	45.2	
	35	20.2		0710	1000	45.6	
	40	21.8		1030	1200	46.0	
	45	22.4		1310	1400	46.9	
	55	22.8		14	1440	47.'	
	60	23.9					
	70	24.6					
	80	27.0					
	90	28.3					
	100	29.15					
	120	30.9					
	140	32.5					
	160	33.75					
	180	—					
	200	35.9					

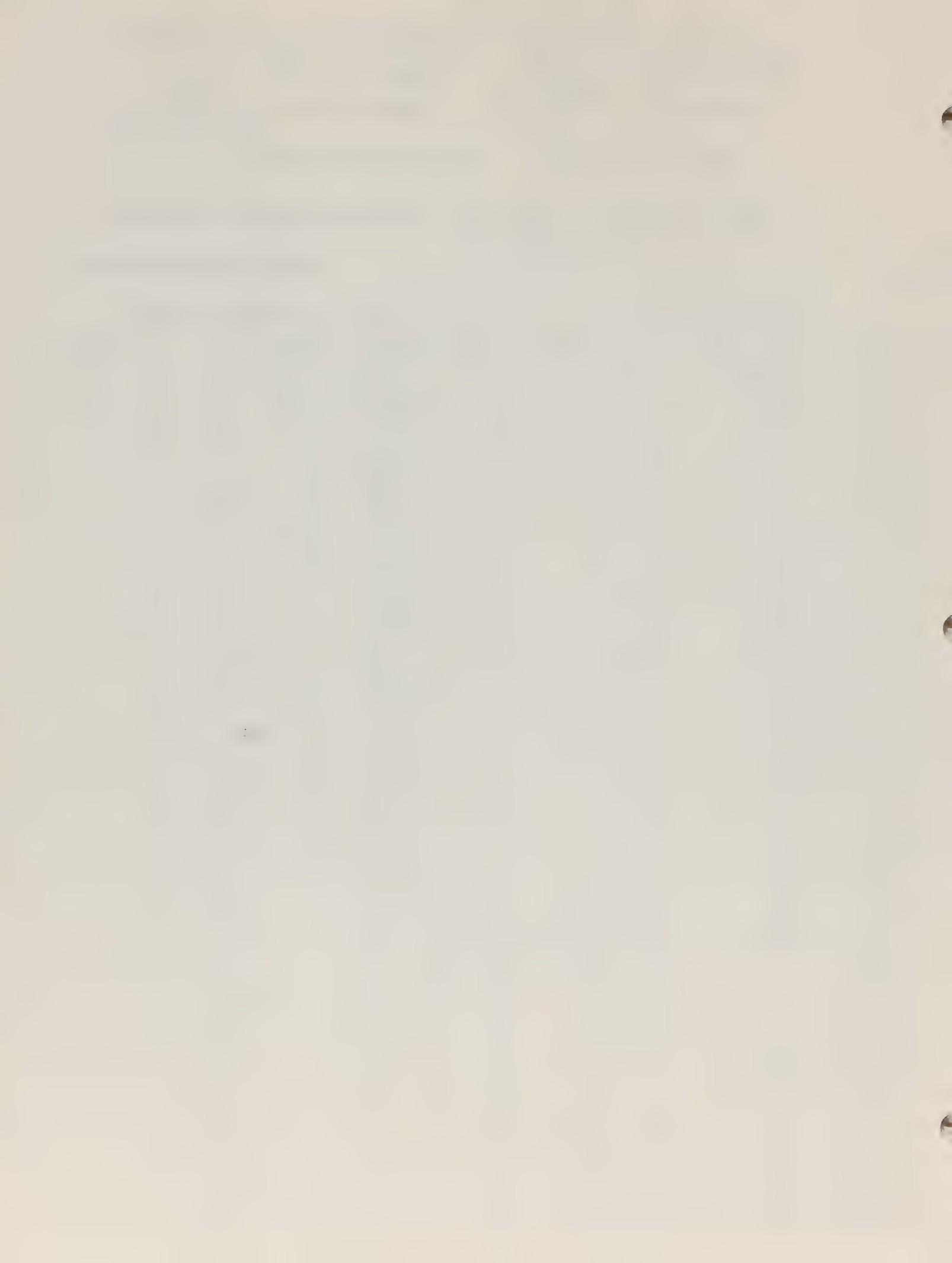


DST #10  
 PUMP TEST DATA SHEET; WELL NO. SG-1  
 SG-1: 968-1008      SG-1A: 969-1009  
 PUMPED WELL SG-1A      OBSERVATION WELL SG-1  
 ANNULUS  
 DATE: 2-5-75      STATIC WATER LEVEL

- Down      WATER TEMP.      CONDUCTIVITY      SAMPLE TAKEN (YES) (NO)

+ up      MP = MEASURING POINT      MP 0 FT. ABOVE G.L. (GROUND LEVEL)

CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE
	0	~.00			250	-.45	
	5	.03			300	-.5	
	10	.03			350	-.5	
	15	.03			400	-.5	
	14	~.05'			450	-.53	
	16	~.05'			500	-.55	
	18	~.07			600	-.64	
	20	~.07			700	-.62	
	25	~.08			800	-.54	
	30	~.12			900	-.65	
	35	~.12			1000	-.67	
	40	~.12			1100	-.70	
	45	-.12			1200	-.75	
	50	-.12			1300	-.75	
	60	-.12					
	70	-.25	— Swabbed with rag to remove grease				
	80	—					
	90	—					
	100	—					
	120	-.3					
	140	-.35					
	160	-.35					
	180	—					
	200	.40					



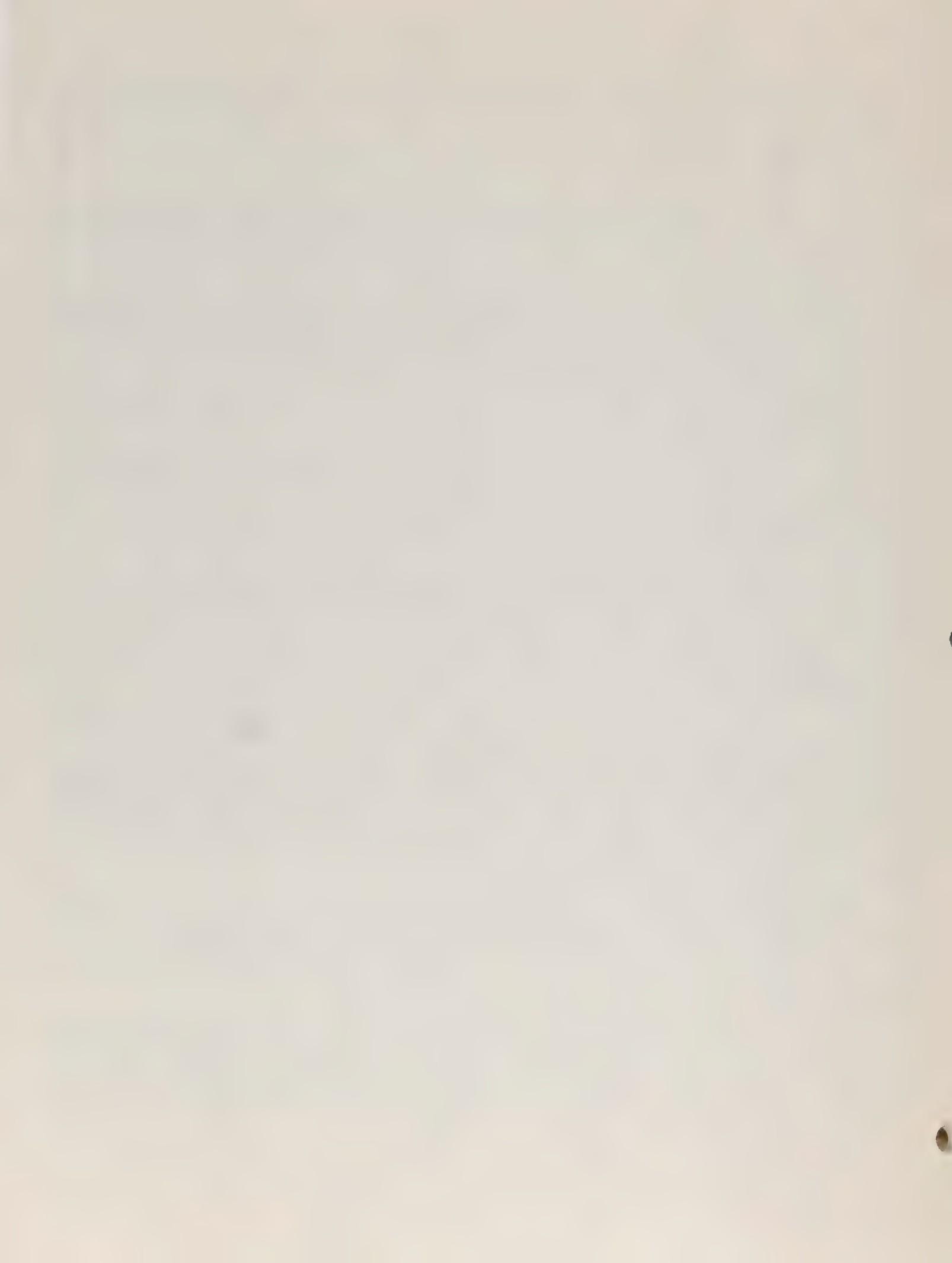
## WATER PRODUCTION AND CONDUCTIVITY DATA SHEET

OPERATOR \_\_\_\_\_ WELL NAME &amp; NUMBER \_\_\_\_\_

LOCATION \_\_\_\_\_

DATE	TIME	DEPTH	WATER TEMPERATURE	CONDUCTIVITY MICROMHOS	INJECTED WATER (rate - gpm)	FLUME SIZE	FLUME READING	PRODUCTION RATE (gpm)	REMARKS
2-5-76	1530	1	15	2350		1 gal.	200	8.6	
2-5-76	16:30	2	15	2400				10	
	1730	3	15	2400				10	
	1830	4	15	2400				10	
	1930	5	15	2400				10	
	2030	6	15	2400				10	
	2130	7	16	2400				10	
	2230	8	16	2400				10	
	2330	9	16	2400				10	
2-6-76	0030	10	16	2300				10	
0130	11	16		2400				10	
0230	12	16		2500				10	
	0330			2400				10	
	0430			2400				10	
	0530			2400				10	
	0630			2400				10	
	0730			2300				10	
	0830			2300				10	
	0930			2500				10	
	1030			2300				10	

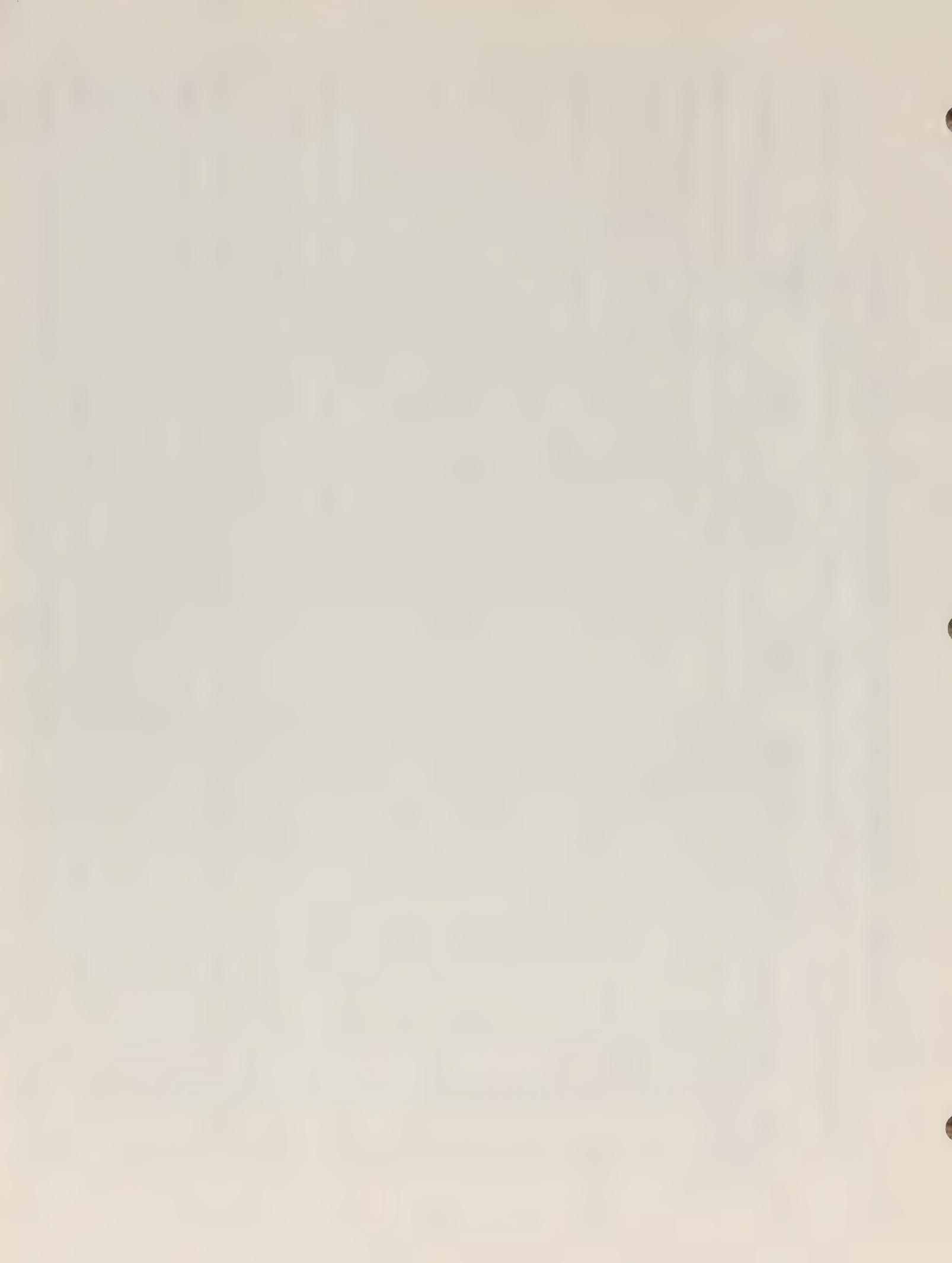
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samples



## WATER PRODUCTION AND CONDUCTIVITY DATA SHEET

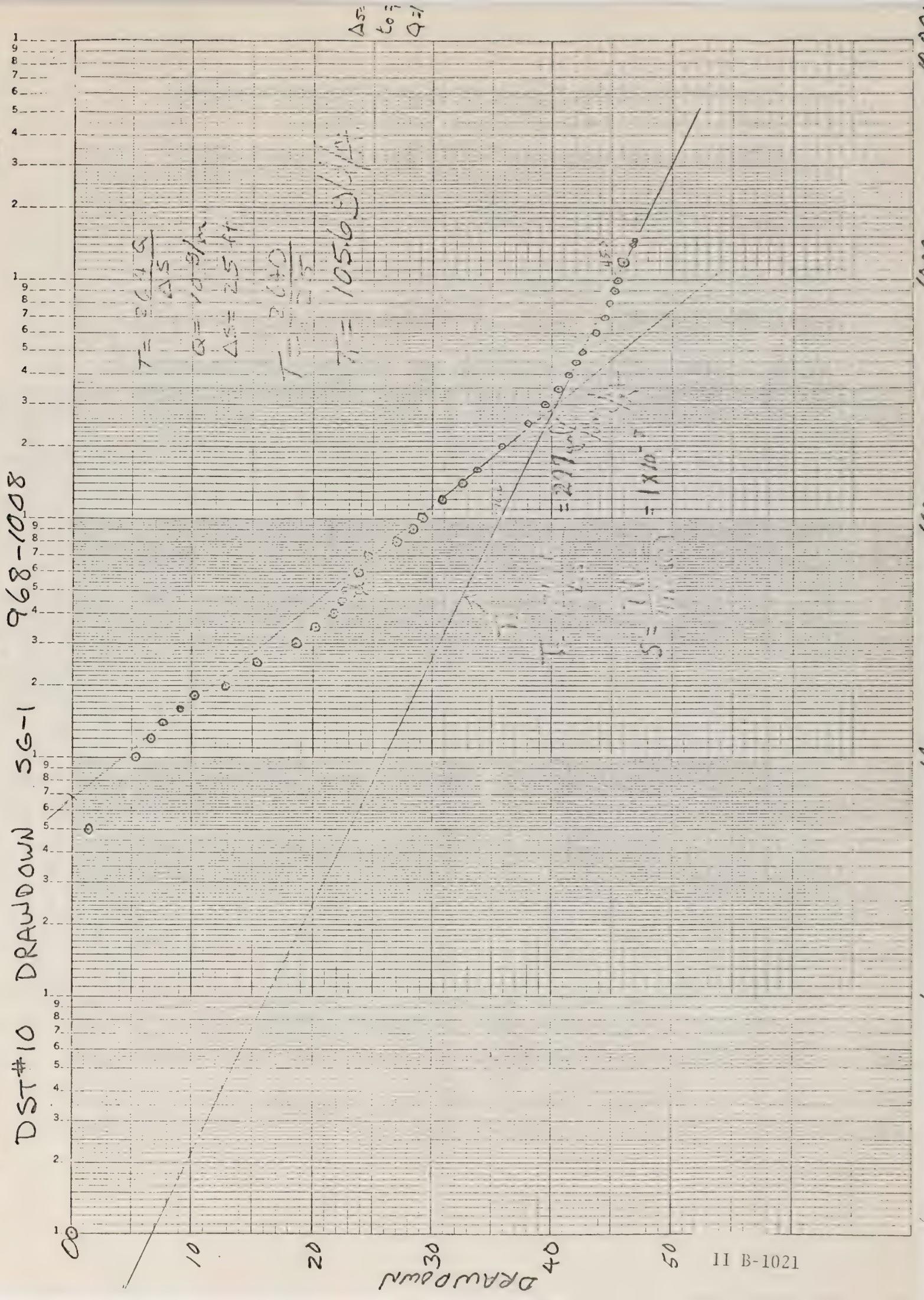
OPERATOR \_\_\_\_\_ WELL NAME & NUMBER \_\_\_\_\_

LOCATION -



**K-E** SEMI-LOGARITHMIC & CYCLES X 70 DIVISIONS  
KELIFFEL & ESSER CO. MADE IN U.S.A.

46 6212





PUMP TEST DATA SHEET; WELL NO. \_\_\_\_\_

PUMPED WELL SG-1A

OBSERVATION WELL SG-1

969-1009

DATE: 2-6-75

## **STATIC WATER LEVEL**

PUMP (ON) (OFF) AT 1421.5' (RECOVERY) TEST

WATER TEMP. \_\_\_\_\_ CONDUCTIVITY \_\_\_\_\_ SAMPLE TAKEN (YES)

MP = MEASURING POINT MP .6 FT. ABOVE G.L.(GROUND LEVEL)

CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE
	0	47.0					
	5						
	10	46.6					
	11	46.4					
	12	46.1					
	14	45.7					
	16	44.7					
	18	43.8					
	20	42.4					
	25	39.3					
	30	36.8					
	35	34.1					
	40	32.2					
	45	30.6					
	50	29.0					
	60	26.8					
		Censed Packer					

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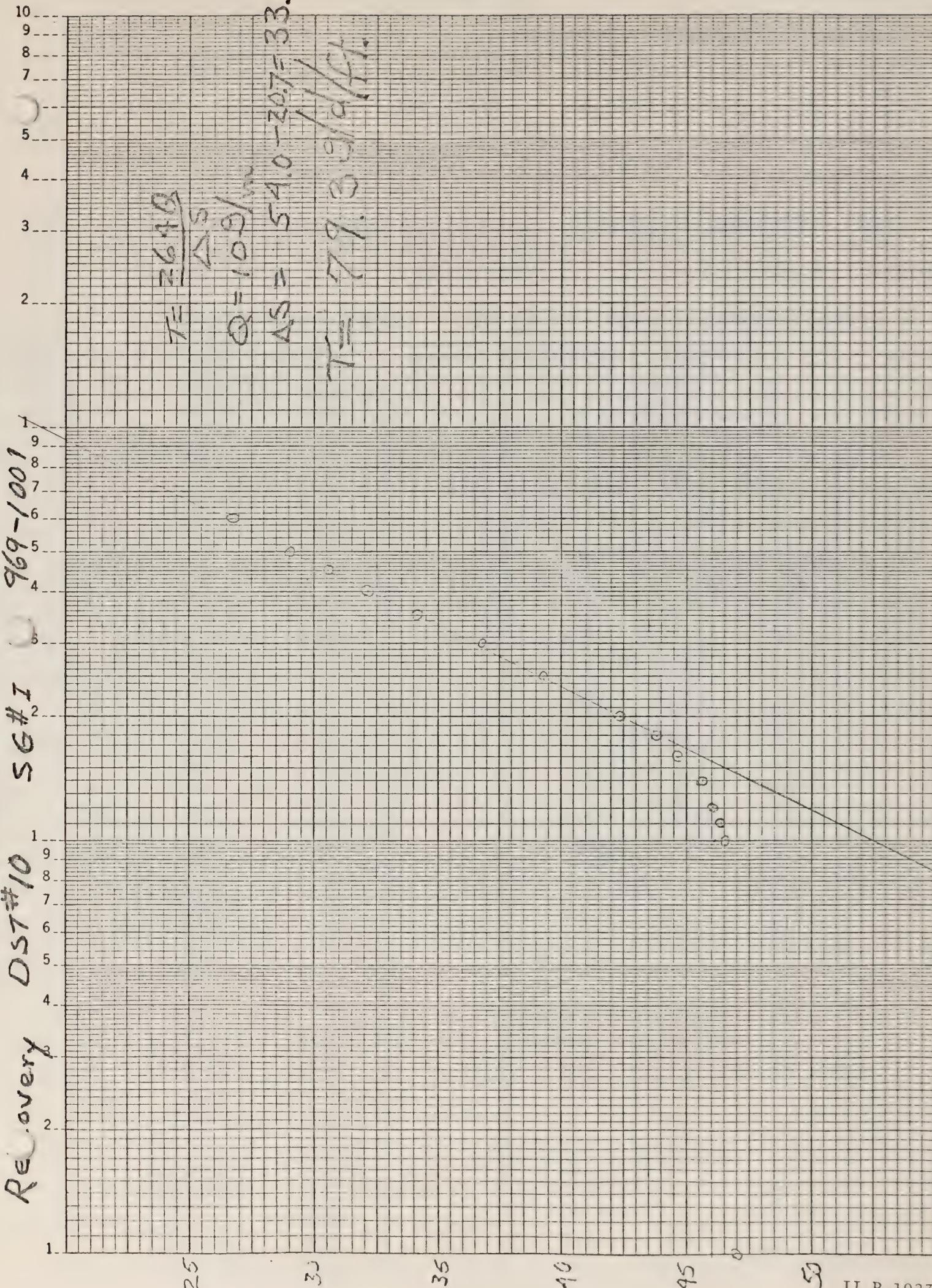
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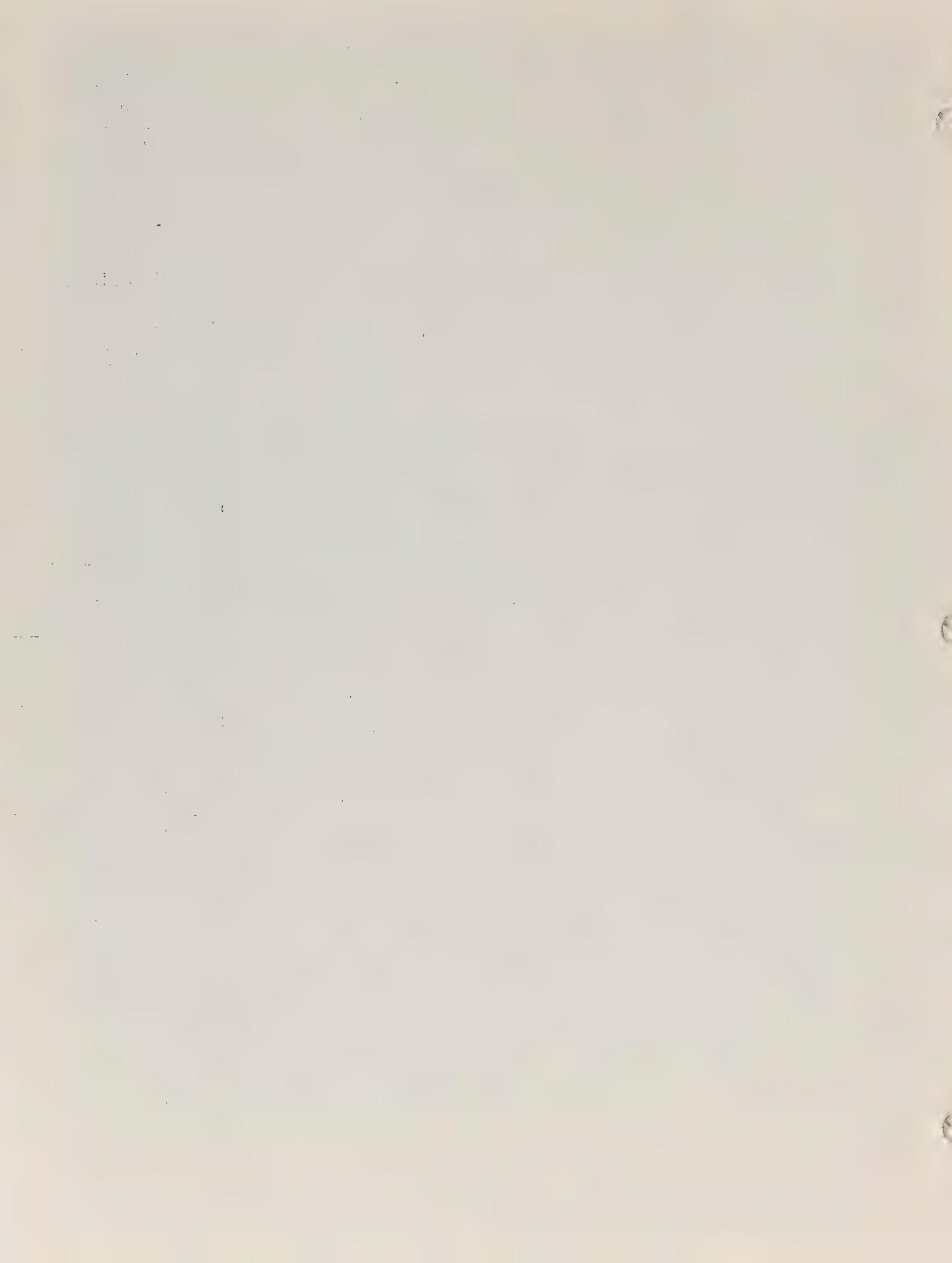
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K-E SEMI-LOGARITHMIC • 3 CYCLES X 70 DIVISIONS  
KEUFFEL & ESSER CO. MADE IN U.S.A.

Recovery DST #10 SG#1 969-1001





DST #10

PUMP TEST DATA SHEET; WELL NO.SG-1: Packard @ 968 \$1008 SG-1A: Packard @ 969 \$1009  
PUMPED WELL SG-1A OBSERVATION WELL SG-1A  
ANNULUSDATE: 2-5-75

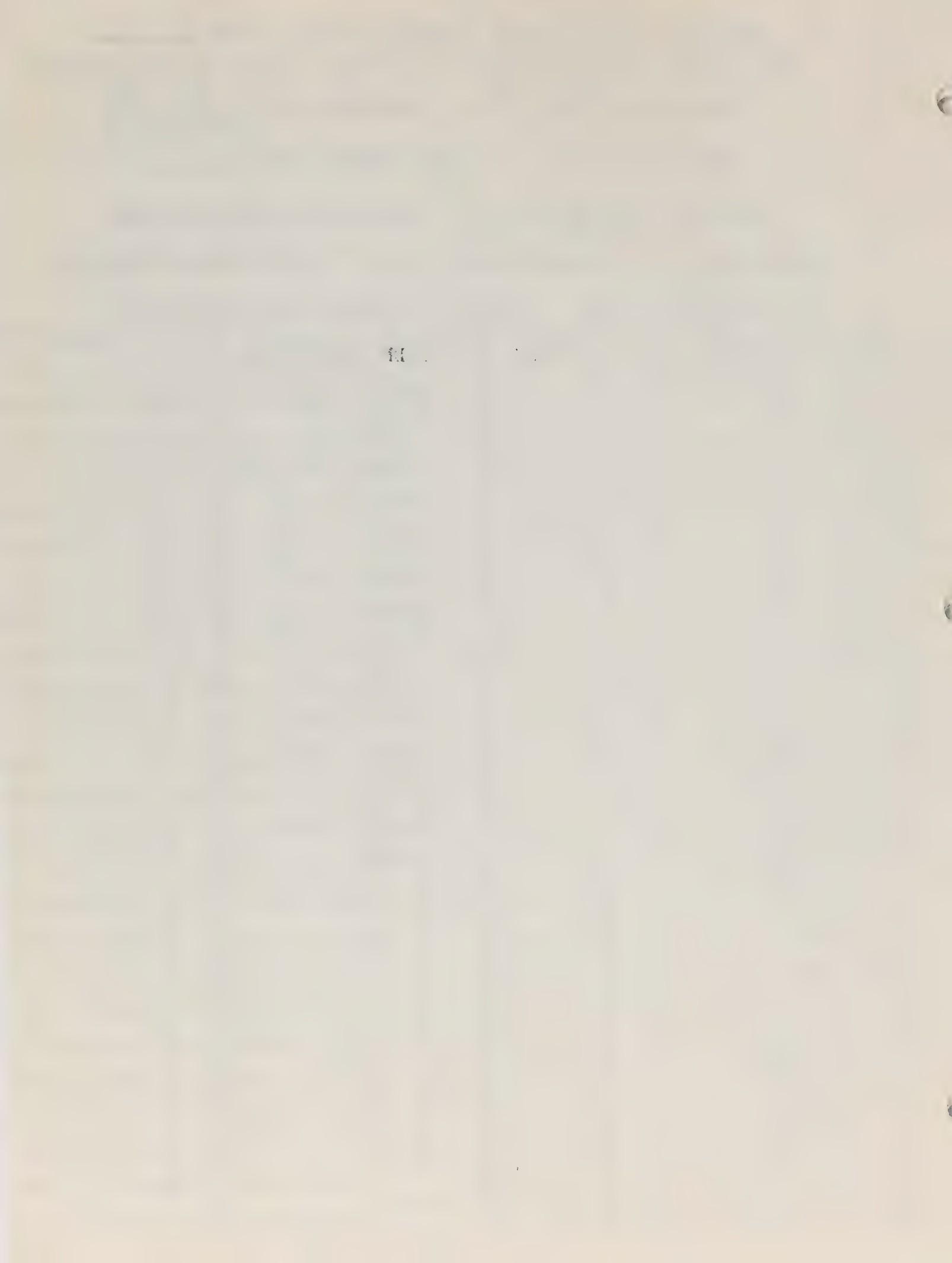
STATIC WATER LEVEL \_\_\_\_\_

PUMP (ON) (OFF) AT 14 ZI.5 (DRAWDOWN) (RECOVERY) TEST  
OFF AT \_\_\_\_\_

WATER TEMP. \_\_\_\_\_ CONDUCTIVITY \_\_\_\_\_ SAMPLE TAKEN (YES) (NO)

MP = MEASURING POINT MP 0 FT. ABOVE G.L. (GROUND LEVEL)

CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE	CLOCK TIME	TIME IN MIN.	WATER LEVEL DEPTH BELOW MP	PUMP RATE
	0	0			250	-.05	
	5	-.1			300	-.1	
	10	.1			350	-.15 .15	
	12				400	-.19	
	14				450	-.19	
	16				500	-.19	
	18	↓			600	-.19	
	20	-.05			700	-.19	
	25				800	-.19	
	30	.00			900	-.24	
	35	00			1000	-.24	
	40	.00			1200	-.24	
	45	.00			1400	-.24	
	50	.00			1440		
	60	.00					
	70	.0					
	80	.0					
	90	.0					
	100	+.02					
	120	.00					
		.00					
		.00					
		—					
		.00					



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ЖИДКИЙ УЛЯМОВЫЙ САМОСНА

2500-8-71



INTERNATIONALLY REPUTED